Topology Analysis [*]

(v1.6.2)

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List of Tables

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

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
1	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+D^0D_s^{*-}, \rho^0 \to \pi^+\pi^-, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $D^0 \to \rho^+K^{*-}, D_s^{*-} \to D_s^-\gamma, \bar{D}^0 \to \eta\eta', \rho^+ \to \pi^0\pi^+, K^{*-} \to \pi^-\bar{K}^0, D_s^- \to e^-\bar{\nu}_e\phi,$ $\eta \to \pi^0\pi^0\pi^0, \eta' \to \pi^0\pi^0\eta, \bar{K}^0 \to K_S, \phi \to K^+K^-, \eta \to \gamma\gamma, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	0	0	1	1
2	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^{*+}J/\psi, \bar{B}^0 \to \pi^0\pi^-D^{*+}, K^{*+} \to \pi^+K^0, J/\psi \to \pi^+K^0K^{*-},$ $\pi^0 \to e^+e^-, D^{*+} \to \pi^+D^0, K^0 \to K_S, K^0 \to K_S, K^{*-} \to \pi^-\bar{K}^0, D^0 \to \pi^+\pi^-\bar{K}^*,$ $K_S \to \pi^0\pi^0, K_S \to \pi^+\pi^-, \bar{K}^0 \to K_S, \bar{K}^* \to \pi^+K^-, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+e^-\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma)$	1	1	1	2
3	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^{*0}, \bar{B}^0 \to \pi^0\rho^0\rho^-\eta D^+, K^{*+} \to \pi^+K^0, \bar{D}^{*-} \to \pi^0D^-,$ $D^{*0} \to \pi^0D^0, \rho^0 \to \pi^+\pi^-, \rho^- \to \pi^0\pi^-, \eta \to \gamma\gamma, D^+ \to e^+\nu_e\bar{K}^0, K^0 \to K_L,$ $D^- \to K_L\pi^-\pi^-K^+, D^0 \to \pi^0\eta K_S, \bar{K}^0 \to K_S, \eta \to \pi^0\pi^+\pi^-, K_S \to \pi^+\pi^-, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^+\nu_e K_L K_L \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	2	2	1	3
4	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}, \bar{D}^{*-} \to \pi^-\bar{D}^0, a_1^+ \to \pi^0\rho^+,$ $D^{*+} \to \pi^+D^0, \bar{D}^0 \to \pi^-K^+\eta', \rho^+ \to \pi^0\pi^+, D^0 \to e^+\nu_e\pi^-, \eta' \to \pi^+\pi^-\eta, \pi^0 \to e^+e^-,$ $\eta \to \gamma\gamma$ $(e^+e^- \to e^+e^+e^-\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma)$	3	3	1	4
5	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_{s1}'^+, \bar{B}^0 \to \pi^0\rho^+\omega\bar{D}^{*-}, D^- \to \pi^0\pi^-, D_{s1}'^+ \to \pi^0D_s^{*+},$ $\rho^+ \to \pi^0\pi^+, \omega \to \pi^0\pi^+\pi^-, \bar{D}^{*-} \to \pi^-\bar{D}^0, D_s^{*+} \to D_s^+\gamma, \bar{D}^0 \to K_L\omega, D_s^+ \to e^+\nu_e\phi,$ $\omega \to \pi^0\gamma, \phi \to K^+K^-$ $(e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	4	4	1	5
6	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^+ \to e^+\nu_e\pi^+K^-,$ $D_s^- \to \pi^0\pi^-\omega, \bar{D}^0 \to \omega K_S, \omega \to \pi^0\pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+e^+\nu_e\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	5	5	1	6
7	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^0K^*K^-D^+, \bar{D}^{*-} \to \pi^-\bar{D}^0, K^* \to \pi^-K^+,$ $D^+ \to \pi^0\pi^+\eta', \bar{D}^0 \to \mu^-\bar{\nu}_\mu K^+, \eta' \to \pi^+\pi^-\eta, \eta \to \pi^0\pi^0\pi^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	6	6	1	7
8	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta\eta D^-, \tau^+ \to e^+\nu_e\bar{\nu}_\tau, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $\eta \to \gamma\gamma, \eta \to \gamma\gamma, D^- \to \pi^0\pi^-K^*, \bar{D}^0 \to \pi^0\pi^+\pi^-K^*, K^* \to \pi^0K^0, K^* \to \pi^0K^0,$ $K^0 \to K_S, K^0 \to K_L, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+\nu_e\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	7	7	1	8
9	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{D}^{*-} \to \pi^0D^-, D^{*+} \to \pi^+D^0,$ $D^- \to \pi^-\omega K^0, D^0 \to K_L\omega, \omega \to \pi^0\pi^+\pi^-, K^0 \to K_S, \omega \to \pi^0\pi^+\pi^-, K_S \to \pi^0\pi^0$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	8	8	1	9

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
10	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 D^- D^{*+}, \bar{B}^0 \to D^{*+} D_s^{*-}, K^0 \to K_S, D^- \to \pi^- \pi^- K^+,$ $D^{*+} \to \pi^0 D^+, D^{*+} \to \pi^0 D^+, D_s^{*-} \to D_s^- \gamma, K_S \to \pi^+\pi^-, D^+ \to \mu^+ \nu_\mu \bar{K}^0, D^+ \to \pi^+ \eta',$ $D_s^- \to K^* K^{*-}, \bar{K}^0 \to K_L, \eta' \to \rho^0 \gamma, K^* \to \pi^- K^+, K^{*-} \to \pi^0 K^-, \rho^0 \to \pi^+ \pi^-$ $(e^+e^- \to \mu^+ \nu_\mu K_L \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- K^+ K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	9	9	1	10
11	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+ \nu_\mu \bar{D}^{*-}, \bar{B}^0 \to \rho^0 K^0 K^{*-} D^+, \bar{D}^{*-} \to \pi^- \bar{D}^0, \rho^0 \to \pi^+ \pi^-,$ $K^0 \to K_L, K^{*-} \to \pi^0 K^-, D^+ \to \mu^+ \nu_\mu \bar{K}^0, \bar{D}^0 \to \rho^- K^{*+}, \bar{K}^0 \to K_L, \rho^- \to \pi^0 \pi^-,$ $K^{*+} \to \pi^0 K^+$ $(e^+e^- \to \mu^+ \mu^+ \nu_\mu \nu_\mu K_L K_L \pi^+ \pi^- \pi^- \pi^- K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma)$	10	10	1	11
12	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- K^+ J/\psi, \bar{B}^0 \to D^+ D_s^{*-}, \rho^- \to \pi^0 \pi^-, J/\psi \to e^+ e^-,$ $D^+ \to \pi^0 \pi^+ K_S, D_s^{*-} \to D_s^- \gamma, K_S \to \pi^0 \pi^0, D_s^- \to \tau^- \bar{\nu}_\tau, \tau^- \to \mu^- \bar{\nu}_\mu \nu_\tau$ $(e^+e^- \to e^+ e^- \mu^- \bar{\nu}_\mu \nu_\tau \bar{\nu}_\tau \pi^+ \pi^- K^+ \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	11	11	1	12
13	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \pi^- K^0 D^0 \bar{D}^0, \bar{B}^0 \to \pi^0 \pi^+ \rho^- \rho^- D^+, K^0 \to K_L, D^0 \to K_S \eta',$ $\bar{D}^0 \to \rho^- K^{*+}, \rho^- \to \pi^0 \pi^-, \rho^- \to \pi^0 \pi^-, D^+ \to \mu^+ \nu_\mu \bar{K}^0, K_L \to \pi^0 \pi^0 \pi^0, K_S \to \pi^+ \pi^-,$ $\eta' \to \pi^+ \pi^- \eta, \rho^- \to \pi^0 \pi^-, K^{*+} \to \pi^0 K^+, \bar{K}^0 \to K_L, \eta \to \pi^0 \pi^+ \pi^-$ $(e^+e^- \to \mu^+ \nu_\mu K_L \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- K^+ \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	12	12	1	13
14	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+ \eta \bar{D}^{*-}, \bar{B}^0 \to K^0 K^{*-} D^{*+}, \eta \to \pi^0 \pi^0 \pi^0, \bar{D}^{*-} \to \pi^0 D^-,$ $K^0 \to K_S, K^{*-} \to \pi^0 K^-, D^{*+} \to \pi^+ D^0, D^- \to \mu^- \bar{\nu}_\mu K^0, K_S \to \pi^+ \pi^-, D^0 \to \pi^0 \rho^0,$ $K^0 \to K_L, \rho^0 \to \pi^+ \pi^-$ $(e^+e^- \to \mu^- \bar{\nu}_\mu K_L \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	13	13	1	14
15	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \pi^- K^+ K^- D^{*+}, \rho^+ \to \pi^0 \pi^+, D^- \to K_S a_1^-,$ $D^{*+} \to \pi^+ D^0, K_S \to \pi^0 \pi^0, a_1^- \to \pi^0 \rho^-, D^0 \to \pi^0 \pi^+ K^-, \rho^- \to \pi^0 \pi^-$ $(e^+e^- \to \pi^+ \pi^+ \pi^+ \pi^- \pi^- K^+ K^- K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	14	14	1	15
16	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0 \pi^0 \pi^+ \eta \bar{D}^{*-}, \bar{B}^0 \to e^- \bar{\nu}_e D^{*+}, \eta \to \pi^0 \pi^0 \pi^0, \bar{D}^{*-} \to \pi^0 D^-,$ $D^{*+} \to \pi^0 D^+, D^- \to \pi^+ \pi^- \pi^- \pi^- K^+, D^+ \to \mu^+ \nu_\mu \bar{K}^*, \bar{K}^* \to \pi^+ K^-$ $(e^+e^- \to e^- \bar{\nu}_e \mu^+ \nu_\mu \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	15	15	1	16
17	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+ \nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \pi^+ K^{*-} D^0 \bar{D}^{*0}, \bar{D}^{*-} \to \pi^- \bar{D}^0, K^{*-} \to \pi^- \bar{K}^0,$ $D^0 \to K_L \pi^+ \pi^-, \bar{D}^{*0} \to \pi^0 \bar{D}^0, \bar{D}^0 \to \mu^- \bar{\nu}_\mu K^+, \bar{K}^0 \to K_S, \bar{D}^0 \to \pi^+ \pi^- K_S K_S, K_S \to \pi^+ \pi^-,$ $K_S \to \pi^0 \pi^0, K_S \to \pi^+ \pi^-$ $(e^+e^- \to e^+ \nu_e \mu^- \bar{\nu}_\mu K_L \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- K^+ \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	16	16	1	17
18	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* D^- D^{*+}, \bar{B}^0 \to \pi^0 \eta \bar{K}^0 K^- D_s^+, K^* \to \pi^0 K^0, D^- \to \pi^- \pi^- K^+,$ $D^{*+} \to \pi^+ D^0, \eta \to \gamma\gamma, \bar{K}^0 \to K_L, D_s^+ \to \mu^+ \nu_\mu \phi, K^0 \to K_S, D^0 \to \pi^0 \pi^+ K^{*-},$ $\phi \to K^+ K^-, K_S \to \pi^0 \pi^0, K^{*-} \to \pi^- \bar{K}^0, \bar{K}^0 \to K_L$ $(e^+e^- \to \mu^+ \nu_\mu K_L K_L \pi^+ \pi^+ \pi^- \pi^- \pi^- K^+ K^+ K^- K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	17	17	1	18
19	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-} D_s^{*+}, \bar{B}^0 \to e^- \bar{\nu}_e D^{*+}, \bar{D}^{*-} \to \pi^- \bar{D}^0, D_s^{*+} \to D_s^+ \gamma,$ $D^{*+} \to \pi^+ D^0, \bar{D}^0 \to \pi^0 \pi^+ \pi^- K_S, D_s^+ \to \rho^+ \eta, D^0 \to \pi^+ \eta K^-, K_S \to \pi^+ \pi^-, \rho^+ \to \pi^0 \pi^+,$ $\eta \to \pi^0 \pi^0 \pi^0, \eta \to \pi^0 \pi^0 \pi^0$ $(e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	18	18	1	19

4

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
20	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^{*0}, D_2^{*-} \to \pi^-\bar{D}^{*0}, \rho^- \to \pi^0\pi^-,$ $\bar{D}^{*0} \to \pi^0\bar{D}^0, \bar{D}^{*0} \to \pi^0\bar{D}^0, \bar{D}^0 \to K^+a_1^-, \bar{D}^0 \to \pi^0 K_L\pi^+\pi^-, a_1^- \to \rho^0\pi^-, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to \mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	19	19	1	20
21	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \pi^0\bar{K}^*K^+K^-, D^{*+} \to \pi^+D^0, \bar{K}^* \to \pi^0\bar{K}^0,$ $D^0 \to \pi^0 K_L, \bar{K}^0 \to K_L$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_L K_L\pi^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	20	20	1	21
22	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\omega K^0 K^{*-}\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \omega \to \pi^0\pi^+\pi^-, K^0 \to K_S,$ $K^{*-} \to \pi^0 K^-, \bar{D}^{*-} \to \pi^0 D^-, D^{*+} \to \pi^0 D^+, K_S \to \pi^+\pi^-, D^- \to \pi^-\pi^-K^+, D^+ \to K_L a_1^+,$ $K_L \to \mu^+\nu_\mu\pi^-, a_1^+ \to \pi^+ f_0(600)$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^- f_0(600)\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	21	21	1	22
23	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, \bar{B}^0 \to \pi^0\pi^0\rho^-\eta\omega D^{*+}, \bar{D}^{*-} \to \pi^0 D^-, D_s^{*+} \to D_s^+\gamma,$ $\rho^- \to \pi^0\pi^-, \eta \to \pi^0\pi^0\pi^0, \omega \to \pi^0\pi^+\pi^-, D^{*+} \to \pi^+D^0, D^- \to \pi^-K_S, D_s^+ \to \rho^+\eta',$ $D^0 \to K^-a_1^+, K_S \to \pi^0\pi^0, \rho^+ \to \pi^0\pi^+, \eta' \to \rho^0\gamma, a_1^+ \to \pi^+\pi^+\pi^-, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma)$	22	22	1	23
24	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^+\bar{D}^{*-}, B^0 \to \pi^+\pi^-\rho^-\omega K^{*+}, K^* \to \pi^-K^+, D^+ \to \pi^0 K_L\pi^+,$ $\bar{D}^{*-} \to \pi^-\bar{D}^0, \rho^- \to \pi^0\pi^-, \omega \to \pi^0\pi^+\pi^-, K^{*+} \to \pi^0 K^+, \bar{D}^0 \to K^+a_1^-, a_1^- \to \rho^0\pi^-,$ $\rho^0 \to \pi^+\pi^-$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	23	23	1	24
25	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^-\rho^+\rho^+\eta D^-, \bar{B}^0 \to \pi^+\bar{K}^*\bar{D}^{*-}D^0, \rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+,$ $\rho^+ \to \pi^0\pi^+, \eta \to \pi^0\pi^+\pi^-, D^- \to \pi^-\pi^-K^+, \bar{K}^* \to \pi^+K^-, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^0 \to e^+\nu_e\pi^0 K^-,$ $\pi^0 \to e^+e^-, \bar{D}^0 \to \mu^-\bar{\nu}_\mu K^{*+}, K^{*+} \to \pi^+K^0, K^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+e^+e^-\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	24	24	1	25
26	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0\bar{D}^0 D^{*0}, \bar{B}^0 \to \pi^0\pi^-\omega D^+, K^0 \to K_L, \bar{D}^0 \to K^+a_1^-,$ $D^{*0} \to D^0\gamma, \omega \to \pi^0\pi^+\pi^-, D^+ \to \pi^+K^0\bar{K}^*, a_1^- \to \rho^0\pi^-, D^0 \to e^+\nu_e K^{*-}, K^0 \to K_L,$ $\bar{K}^* \to \pi^+K^-, \rho^0 \to \pi^+\pi^-, K^{*-} \to \pi^0 K^-$ $(e^+e^- \to e^+\nu_e K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	25	25	1	26
27	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, B^0 \to \mu^+\nu_\mu D^-, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^- \to \pi^0\pi^-K^*,$ $\bar{D}^0 \to \pi^-K^+, K^* \to \pi^-K^+$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma)$	26	26	1	27
28	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1^+, \bar{D}^{*-} \to \pi^-\bar{D}^0, D_1^+ \to \pi^+\pi^-D^+,$ $\bar{D}^0 \to \pi^0\pi^-K^+, D^+ \to \pi^0\pi^+\pi^+\pi^-$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma)$	27	27	1	28
29	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^+, \tau^+ \to \bar{\nu}_\tau\pi^0\pi^+, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $\rho^- \to \pi^0\pi^-, D^+ \to e^+\nu_e\bar{K}^0, \bar{D}^0 \to \pi^-\omega K^+, \bar{K}^0 \to K_L, \omega \to \pi^0\pi^+\pi^-$ $(e^+e^- \to e^+\nu_e\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma)$	28	28	1	29

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
30	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \bar{B}^0 \to \pi^+\rho^-\rho^-D^+, \rho^- \to \pi^0\pi^-, D^+ \to \pi^0 K_L\pi^+,$ $\rho^- \to \pi^0\pi^-, \rho^- \to \pi^0\pi^-, D^+ \to K_L a_1^+, a_1^+ \to \rho^0\pi^+, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	29	29	1	30
31	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to \bar{K}_1^0\gamma, D_1^- \to \pi^+\pi^- D^-, \bar{K}_1^0 \to \pi^+\pi^-\bar{K}^0,$ $D^- \to \mu^-\bar{\nu}_\mu K^0, \bar{K}^0 \to K_S, K^0 \to K_S, K_S \to \pi^+\pi^-, K_S \to \pi^0\pi^0$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma)$	30	30	1	31
32	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^+D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \rho^0\rho^-\eta\omega D^+, D^{*+} \to \pi^+D^0, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $\rho^0 \to \pi^+\pi^-, \rho^- \to \pi^0\pi^-, \eta \to \pi^0\pi^+\pi^-, \omega \to \pi^+\pi^-, D^+ \to e^+\nu_e\pi^+K^-, D^0 \to K_L\pi^+\pi^-,$ $\bar{D}^0 \to \pi^0\pi^-K^+, \pi^0 \to e^+e^-, K_L \to \pi^0\pi^0\pi^0$ $(e^+e^- \to e^+e^+e^-\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	31	31	1	32
33	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^+, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^+\pi^-\pi^-D^+, D^- \to \pi^0\pi^-K_S, D_s^+ \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-,$ $\rho^0 \to \pi^+\pi^-, D^+ \to \mu^+\nu_\mu\bar{K}^0, K_S \to \pi^0\pi^0, \bar{K}^0 \to K_S, K_S \to \pi^0\pi^0$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	32	32	1	33
34	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, B^0 \to \rho^+\eta\omega\bar{D}^{*-}, \tau^+ \to \bar{\nu}_\tau\pi^0K^+, D_0^{*-} \to \pi^-\bar{D}^0,$ $\rho^+ \to \pi^0\pi^+, \eta \to \pi^0\pi^0\pi^0, \omega \to \pi^0\pi^+\pi^-, \bar{D}^{*-} \to \pi^0D^-, \bar{D}^0 \to \mu^-\bar{\nu}_\mu K^+, D^- \to K_L a_1^-,$ $a_1^- \to \rho^0\pi^-, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	33	33	1	34
35	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^0\Delta^+, \bar{B}^0 \to \bar{K}^*\chi_{c1}, \bar{D}^{*-} \to \pi^-\bar{D}^0, \bar{\Delta}^0 \to \pi^0\bar{n},$ $\Delta^+ \to \pi^0 p, \bar{K}^* \to \pi^+K^-, \chi_{c1} \to \eta K^+K^-, \bar{D}^0 \to \mu^-\bar{\nu}_\mu K^{*+}, \eta \to \gamma\gamma, K^{*+} \to \pi^+K^0,$ $K^0 \to K_L$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^-K^+K^-K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma)$	34	34	1	35
36	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^0\bar{p}\Delta^+, \bar{B}^0 \to e^-\bar{\nu}_e D_1^+, \bar{D}^0 \to \pi^0\pi^-K^+, \Delta^+ \to \pi^+n,$ $D_1^+ \to \pi^+\pi^-D^+, D^+ \to K_L\pi^+$ $(e^+e^- \to e^-\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^-\pi^-K^+n\bar{p}\gamma\gamma)$	35	35	1	36
37	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^0\pi^-D^{*+}, D^- \to K_L a_1^-, D^{*+} \to \pi^+D^0,$ $K_L \to \pi^0\pi^0\pi^0, a_1^- \to \pi^0\rho^-, D^0 \to \pi^0\pi^0\pi^0\pi^+\pi^-, \rho^- \to \pi^0\pi^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	36	36	1	37
38	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \eta D^+p\bar{\Delta}^{++}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+, \eta \to \gamma\gamma, D^+ \to \pi^+K_S,$ $\bar{\Delta}^{++} \to \pi^-\bar{p}, \rho^- \to \pi^0\pi^-, D^+ \to \pi^0 K_L\pi^+, K_S \to \pi^+\pi^-$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	37	37	1	38
39	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^-D^+, \bar{B}^0 \to \pi^0\pi^0 K^*K^{*-}D^+, D^+ \to e^+\nu_e\bar{K}^*, K^* \to \pi^0K^0,$ $K^{*-} \to \pi^-\bar{K}^0, D^+ \to \mu^+\nu_\mu\pi^0, \bar{K}^* \to \pi^+K^-, K^0 \to K_L, \bar{K}^0 \to K_S, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu K_L\pi^+\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	38	38	1	39
40	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-D^{*+}\gamma, \rho^0 \to \pi^+\pi^-, \bar{D}^{*-} \to \pi^0D^-,$ $\rho^- \to \pi^0\pi^-, D^{*+} \to \pi^+D^0, D^- \to \rho^-K^*, D^0 \to \rho^0\pi^+K^-, \rho^- \to \pi^0\pi^-, K^* \to \pi^-K^+,$ $\rho^0 \to \pi^+\pi^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	39	39	1	40

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
41	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu \pi^0\pi^0 D^{*+}, D^{*+} \to \pi^0 D^+, D^{*+} \to \pi^+ D^0,$ $D^+ \to \pi^+K^-K^{*+}, D^0 \to \pi^0\pi^+K^-, K^{*+} \to \pi^0 K^+$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	40	40	1	41
42	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\omega D^{*+}, \bar{D}^{*-} \to \pi^-\bar{D}^0, \omega \to \pi^0\pi^+\pi^-,$ $D^{*+} \to \pi^0 D^+, \bar{D}^0 \to \pi^0\pi^-K^+, D^+ \to \pi^+\pi^+K^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	41	41	1	42
43	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+K^-\eta_c(2S), \bar{B}^0 \to \pi^0\pi^+\pi^- D^+\Sigma^-\bar{\Sigma}^0, \eta_c(2S) \to \pi^0\rho^0\pi^+\pi^-\pi^-\rho^+\eta, D^+ \to \mu^+\nu_\mu\bar{K}^*,$ $\Sigma^- \to \pi^- n, \bar{\Sigma}^0 \to \bar{\Lambda}\gamma, \rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+, \eta \to \gamma\gamma, \bar{K}^* \to \pi^+K^-,$ $\bar{\Lambda} \to \pi^+\bar{p}$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^-K^-n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	42	42	1	43
44	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta D^-D_s^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \eta \to \pi^0\pi^0\pi^0, D^- \to \rho^-K^*,$ $D_s^+ \to \pi^+\eta', D^{*+} \to \pi^+D^0, \rho^- \to \pi^0\pi^-, K^* \to \pi^0K^0, \eta' \to \pi^0\pi^0\eta, D^0 \to \pi^0\pi^+K^-,$ $K^0 \to K_S, \eta \to \gamma\gamma, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	43	43	1	44
45	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \omega K^+\bar{D}^{*-}, \bar{B}^0 \to D^{*+}D_s^-, \omega \to \pi^0\pi^+\pi^-, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $D^{*+} \to \pi^0 D^+, D_s^- \to \pi^- f_0(980), \bar{D}^0 \to \pi^-\omega K^+, D^+ \to K_S K^{*+}, f_0(980) \to \pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-,$ $K_S \to \pi^+\pi^-, K^{*+} \to \pi^+K^0, K^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma)$	44	44	1	45
46	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \eta\bar{D}^{*-}D_s^+, B^0 \to \pi^0\pi^-\rho^+\bar{K}^0K^+D^-, \eta \to \gamma\gamma, \bar{D}^{*-} \to \pi^0 D^-,$ $D_s^+ \to \mu^+\nu_\mu\eta, \rho^+ \to \pi^0\pi^+, \bar{K}^0 \to K_S, D^- \to K_S K^{*-}, D^- \to \pi^-\pi^-K^+, \eta \to \pi^0\pi^0\pi^0,$ $K_S \to \pi^0\pi^0, K_S \to \pi^+\pi^-, K^{*-} \to \pi^-\bar{K}^0, \pi^0 \to e^+e^-, \bar{K}^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+e^-\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	45	45	1	46
47	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\eta\eta\bar{K}^0K^+D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-D^{*+}, \rho^- \to \pi^0\pi^-, \eta \to \gamma\gamma,$ $\eta \to \pi^0\pi^0\pi^0, \bar{K}^0 \to K_L, D^- \to \pi^-K_S, \rho^0 \to \pi^+\pi^-, D^{*+} \to \pi^0 D^+, K_S \to \pi^+\pi^-,$ $D^+ \to \pi^0 K_L\pi^+$ $(e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	46	46	1	47
48	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^+D^-, \rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+,$ $\bar{D}^{*-} \to \pi^-\bar{D}^0, D^+ \to \pi^0\pi^+\bar{K}^*, D^- \to \mu^-\bar{\nu}_\mu K^0, \bar{D}^0 \to \mu^-\bar{\nu}_\mu K^+, \bar{K}^* \to \pi^0\bar{K}^0, K^0 \to K_S,$ $\bar{K}^0 \to K_L, K_S \to \pi^+\pi^-$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma)$	47	47	1	48
49	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+,$ $D^- \to \mu^-\bar{\nu}_\mu K^*, D^+ \to e^+\nu_e\bar{K}^*, K^* \to \pi^0 K^0, \bar{K}^* \to \pi^0\bar{K}^0, K^0 \to K_L, \bar{K}^0 \to K_S,$ $K_S \to \pi^0\pi^0$ $(e^+e^- \to e^+\nu_e\mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	48	48	1	49

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
50	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\eta D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \rho^+ \to \pi^0\pi^+, \eta \to \pi^0\pi^0\pi^0,$ $D^- \to K_S K^-, D^{*+} \to \pi^+ D^0, \pi^0 \to e^+e^-, K_S \to \pi^+\pi^-, D^0 \to \pi^0\pi^+\pi^-\bar{K}^*, \bar{K}^* \to \pi^0\bar{K}^0,$ $\bar{K}^0 \to K_L$ $(e^+e^- \to e^+e^-\mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	49	49	1	50
51	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to e^+\nu_e\eta D^-, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \eta \to \pi^+\pi^-, D^- \to K_L a_1^-,$ $\bar{D}^{*-} \to \pi^-\bar{D}^0, a_1^- \to \pi^- f_0(600), \bar{D}^0 \to \mu^-\bar{\nu}_\mu K^+$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+ f_0(600)\gamma\gamma)$	50	50	1	51
52	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\rho^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \rho^- \to \pi^0\pi^-, D^- \to \pi^0\pi^+\pi^-\pi^-K^0,$ $D^+ \to \pi^+\pi^+K^-, K^0 \to K_L$ $(e^+e^- \to e^-\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	51	51	1	52
53	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \rho^+\rho^- D^{*0}, \rho^0 \to \pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-,$ $D^- \to \pi^- K_1^{'0}, \rho^+ \to \pi^0\pi^+, \rho^- \to \pi^0\pi^-, D^{*0} \to D^0\gamma, K_1^{'0} \to \pi^- K^{*+}, D^0 \to e^+\nu_e K^{*-},$ $K^{*+} \to \pi^0 K^+, K^{*-} \to \pi^-\bar{K}^0, \bar{K}^0 \to K_L$ $(e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	52	52	1	53
54	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{D}^0 D_s^+, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{D}^0 \to \rho^- K^{*+}, D_s^+ \to \rho^+\eta,$ $D^{*+} \to \pi^+ D^0, D_s^{*-} \to D_s^-\gamma, \rho^- \to \pi^0\pi^-, K^{*+} \to \pi^0 K^+, \rho^+ \to \pi^0\pi^+, \eta \to \gamma\gamma,$ $D^0 \to K_S K^+K^-, D_s^- \to \pi^-\eta', K_S \to \pi^0\pi^0, \eta' \to \pi^+\pi^-\eta, \eta \to \pi^0\pi^+\pi^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	53	53	1	54
55	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to \pi^0\rho^0\rho^0\rho^- D^+, \bar{D}^{*-} \to \pi^-\bar{D}^0, a_1^+ \to \pi^+ K^0\bar{K}^0,$ $\rho^0 \to \pi^+\pi^-, \rho^0 \to \pi^+\pi^-, \rho^- \to \pi^0\pi^-, D^+ \to \pi^0\pi^+ K_S, \bar{D}^0 \to K^+a_1^-, K^0 \to K_S,$ $\bar{K}^0 \to K_S, K_S \to \pi^0\pi^0, a_1^- \to \rho^0\pi^-, K_S \to \pi^+\pi^-, K_S \to \pi^0\pi^0, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	54	54	1	55
56	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Delta^+\bar{\Xi}_c^{*-}, \bar{B}^0 \to \pi^0\pi^+ D^0 D_s^{*-}, \Delta^+ \to \pi^+ n, \bar{\Xi}_c^{*-} \to \bar{\Xi}_c^-\gamma,$ $D^0 \to \mu^+\nu_\mu K^{*-}, D_s^{*-} \to D_s^-\gamma, \bar{\Xi}_c^- \to \pi^0\pi^-\bar{\Xi}^0, K^{*-} \to \pi^-\bar{K}^0, D_s^- \to K^0 K^{*-}, \bar{\Xi}^0 \to \pi^0\bar{\Lambda},$ $\bar{K}^0 \to K_L, K^0 \to K_L, K^{*-} \to \pi^0 K^-, \bar{\Lambda} \to \pi^+\bar{p}, K_L \to \mu^-\nu_\mu\pi^+$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\nu_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^- n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	55	55	1	56
57	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{\Delta}^-\Sigma_c^+, \bar{D}^{*-} \to \pi^0 D^-, \bar{\Delta}^- \to \pi^-\bar{n},$ $\Sigma_c^+ \to \pi^0\Lambda_c^+, D^- \to \pi^0\pi^-\phi, \Lambda_c^+ \to \pi^+\eta\Lambda, \phi \to K_L K_S, \eta \to \pi^0\pi^+\pi^-, \Lambda \to \pi^-p,$ $K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	56	56	1	57
58	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \rho^0 \to \pi^+\pi^-, \bar{D}^{*0} \to \bar{D}^0\gamma,$ $D^{*+} \to D^+\gamma, \bar{D}^0 \to \rho^- K^{*+}, D^+ \to \mu^+\nu_\mu\bar{K}^0, \rho^- \to \pi^0\pi^-, K^{*+} \to \pi^+ K^0, \bar{K}^0 \to K_S,$ $K^0 \to K_S, K_S \to \pi^0\pi^0, K_S \to \pi^0\pi^0$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	57	57	1	58

8

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
59	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0 \bar{B}^0, \bar{B}^0 \to D^+ \Delta^0 \bar{\Delta}^+, \bar{B}^0 \to \pi^0 \rho^0 \pi^+ \pi^- \eta\eta, D^+ \to \mu^+ \nu_\mu \bar{K}^*, \Delta^0 \to \pi^0 n,$ $\bar{\Delta}^+ \to \pi^0 \bar{p}, \rho^0 \to \pi^+ \pi^-, \eta \to \gamma\gamma, \eta \to \pi^0 \pi^+ \pi^-, \bar{K}^* \to \pi^+ K^-$ $(e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- K^- n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	58	58	1	59
60	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 \bar{B}^0, B^0 \to \pi^0 \pi^+ \pi^+ \pi^- \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \pi^0 \pi^0 \rho^0 \rho^0 \pi^+ \pi^- \pi^- D^{*+}, \bar{D}^{*-} \to \pi^- \bar{D}^0, \rho^0 \to \pi^+ \pi^-,$ $\rho^0 \to \pi^+ \pi^-, D^{*+} \to \pi^+ D^0, \bar{D}^0 \to K^+ a_1^-, D^0 \to \mu^+ \nu_\mu \pi^-, a_1^- \to \rho^0 \pi^-, \rho^0 \to \pi^+ \pi^-$ $(e^+e^- \to \mu^+ \nu_\mu \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- K^+ \gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	59	59	1	60
61	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 \bar{B}^0, B^0 \to \pi^0 \pi^+ \omega \bar{D}^{*-}, \bar{B}^0 \to \pi^- \bar{K}^0 D^+ \bar{D}^{*0}, \omega \to \pi^0 \pi^+ \pi^-, \bar{D}^{*-} \to \pi^0 D^-,$ $\bar{K}^0 \to K_S, D^+ \to \pi^0 \pi^+ \bar{K}^*, \bar{D}^{*0} \to \bar{D}^0 \gamma, D^- \to e^- \bar{\nu}_e K^0, K_S \to \pi^+ \pi^-, \bar{K}^* \to \pi^+ K^-,$ $\bar{D}^0 \to \pi^0 \pi^0 \pi^0 \pi^+ \pi^-, K^0 \to K_S, K_S \to \pi^0 \pi^0$ $(e^+e^- \to e^- \bar{\nu}_e \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	60	60	1	61
62	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 \bar{B}^0, B^0 \to e^+ \nu_e \bar{D}^{*-}, \bar{B}^0 \to \pi^+ \bar{K}^* \bar{D}^{*-} D^0, \bar{D}^{*-} \to \pi^- \bar{D}^0, \bar{K}^* \to \pi^0 \bar{K}^0,$ $\bar{D}^{*-} \to \pi^- \bar{D}^0, D^0 \to \rho^+ K^{*-}, \bar{D}^0 \to K^+ a_1^-, \bar{K}^0 \to K_L, \bar{D}^0 \to \pi^- K^+, \rho^+ \to \pi^0 \pi^+,$ $K^{*-} \to \pi^- \bar{K}^0, a_1^- \to \pi^- f_0(600), \bar{K}^0 \to K_L$ $(e^+e^- \to e^+ \nu_e K_L K_L \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- K^+ K^+ f_0(600)\gamma\gamma\gamma\gamma)$	61	61	1	62
63	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \bar{D}^{*-} a_1^+, B^0 \to \pi^+ \pi^+ \pi^+ \pi^- \pi^- D^- \Delta^+ \bar{\Delta}^+, \bar{D}^{*-} \to \pi^- \bar{D}^0, a_1^+ \to \rho^0 \pi^+,$ $D^- \to e^- \bar{\nu}_e \pi^- K^+, \Delta^+ \to \pi^0 p, \bar{\Delta}^+ \to \pi^0 \bar{p}, \bar{D}^0 \to \mu^- \bar{\nu}_\mu K^{*+}, \rho^0 \to \pi^+ \pi^-, K^{*+} \to \pi^+ K^0,$ $K^0 \to K_S, K_S \to \pi^+ \pi^-$ $(e^+e^- \to e^- \bar{\nu}_e \mu^- \bar{\nu}_\mu \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- K^+ p\bar{p}\gamma\gamma\gamma\gamma)$	62	62	1	63
64	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 \bar{B}^0, B^0 \to \pi^+ \pi^- \eta \bar{D}^0, \bar{B}^0 \to \pi^- \pi^- \pi^- \rho^+ \rho^+ \omega D^{*+}, \eta \to \pi^0 \pi^0 \pi^0, \bar{D}^0 \to \pi^0 \pi^- K^+,$ $\rho^+ \to \pi^0 \pi^+, \rho^+ \to \pi^0 \pi^+, \omega \to \pi^0 \pi^+ \pi^-, D^{*+} \to \pi^+ D^0, D^0 \to e^+ \nu_e \pi^0 K^-$ $(e^+e^- \to e^+ \nu_e \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	63	63	1	64
65	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 \bar{B}^0, B^0 \to \rho^0 \pi^+ K^- K^{*+} \bar{D}^{*-}, \bar{B}^0 \to \pi^0 \pi^0 \rho^0 \rho^0 \pi^- D^+, \rho^0 \to \pi^+ \pi^-, K^{*+} \to \pi^+ K^0,$ $\bar{D}^{*-} \to \pi^- \bar{D}^0, \rho^0 \to \pi^+ \pi^-, \rho^0 \to \pi^+ \pi^-, D^+ \to e^+ \nu_e \bar{K}^0, K^0 \to K_S, \bar{D}^0 \to K_L \eta',$ $\bar{K}^0 \to K_S, K_S \to \pi^+ \pi^-, \eta' \to \pi^+ \pi^- \eta, K_S \to \pi^+ \pi^-, \eta \to \gamma\gamma$ $(e^+e^- \to e^+ \nu_e K_L \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- K^- \gamma\gamma\gamma\gamma\gamma)$	64	64	1	65
66	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 \bar{B}^0, B^0 \to e^+ \nu_e D^-, \bar{B}^0 \to \pi^0 \pi^0 \pi^+ \pi^- \pi^- D^{*+} p\bar{p}, D^- \to \pi^+ \pi^- \pi^- K_S, D^{*+} \to \pi^+ D^0,$ $K_S \to \pi^0 \pi^0, D^0 \to \pi^0 \pi^+ \pi^- \bar{K}^*, \bar{K}^* \to \pi^+ K^-$ $(e^+e^- \to e^+ \nu_e \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- K^- p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	65	65	1	66
67	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 \bar{B}^0, B^0 \to \mu^+ \nu_\mu D_0^{*-}, \bar{B}^0 \to \tau^- \bar{\nu}_\tau D^{*+}, D_0^{*-} \to \pi^- \bar{D}^0, \tau^- \to \nu_\tau \pi^0 \pi^-,$ $D^{*+} \to \pi^+ D^0, \bar{D}^0 \to \pi^+ \pi^- K^*, D^0 \to \pi^0 \pi^0 \bar{K}^*, K^* \to \pi^- K^+, \bar{K}^* \to \pi^+ K^-$ $(e^+e^- \to \mu^+ \nu_\mu \nu_\tau \bar{\nu}_\tau \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma)$	66	66	1	67
68	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 \bar{B}^0, B^0 \to \pi^+ \omega\omega \bar{D}^{*-}, \bar{B}^0 \to \eta D^+ D_s^{*-}, \omega \to \pi^0 \gamma, \omega \to \pi^0 \pi^+ \pi^-,$ $\bar{D}^{*-} \to \pi^- \bar{D}^0, \eta \to \gamma\gamma, D^+ \to K_L \pi^+, D_s^{*-} \to D_s^- \gamma, \bar{D}^0 \to \pi^- \eta K^+, D_s^- \to K^0 K^{*-},$ $\eta \to \pi^0 \pi^0 \pi^0, K^0 \to K_L, K^{*-} \to \pi^0 K^-$ $(e^+e^- \to K_L K_L \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	67	67	1	68

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
69	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}, D^+ \to \pi^0\pi^+ K_S, \rho^0 \to \pi^+\pi^-,$ $\rho^- \to \pi^0\pi^-, \eta \to \gamma\gamma, D^{*+} \to \pi^+ D^0, K_S \to \pi^+\pi^-, D^0 \to \omega\bar{K}^*, \omega \to \pi^+\pi^-,$ $\bar{K}^* \to \pi^+ K^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	68	68	1	69
70	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ D^-, \bar{B}^0 \to \rho^- D^{*+}, \rho^+ \to \pi^0\pi^+, D^- \to \pi^0\pi^-\phi,$ $\rho^- \to \pi^0\pi^-, D^{*+} \to \pi^+ D^0, \phi \to K^+ K^-, D^0 \to e^+\nu_e\pi^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^- K^+ K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	69	69	1	70
71	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^+ D^0\bar{D}^0, \bar{B}^0 \to K^{*-}D^+, D^0 \to \rho^+ K^{*-}, \bar{D}^0 \to \rho^0\rho^0,$ $K^{*-} \to \pi^-\bar{K}^0, D^+ \to e^+\nu_e\bar{K}^*, \rho^+ \to \pi^0\pi^+, K^{*-} \to \pi^-\bar{K}^0, \rho^0 \to \pi^+\pi^-, \rho^0 \to \pi^+\pi^-,$ $\bar{K}^0 \to K_L, \bar{K}^* \to \pi^+ K^-, \bar{K}^0 \to K_L$ $(e^+e^- \to e^+\nu_e K_L K_L \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+ K^-\gamma\gamma)$	70	70	1	71
72	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^+\rho^- D^-, \bar{B}^0 \to e^-\bar{\nu}_e D^+, \rho^+ \to \pi^0\pi^+, \rho^- \to \pi^0\pi^-,$ $D^- \to e^-\bar{\nu}_e\pi^- K^+, D^+ \to \pi^0\pi^+\pi^+ K^-$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^- K^+ K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	71	71	1	72
73	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^* n\bar{\Sigma}_c^{*0}, \bar{B}^0 \to \pi^- D^+, K^* \to \pi^- K^+, \bar{\Sigma}_c^{*0} \to \pi^+\bar{\Lambda}_c^-,$ $D^+ \to \pi^0\pi^+\bar{K}^*, \bar{\Lambda}_c^- \to \pi^0\pi^- K^+\bar{p}, \bar{K}^* \to \pi^+ K^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^+ K^+ K^- n\bar{p}\gamma\gamma\gamma\gamma)$	72	72	1	73
74	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^- D^{*+}\bar{n}\Delta^+, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^{*+} \to \pi^+ D^0,$ $\Delta^+ \to \pi^0 p, \bar{D}^0 \to e^-\bar{\nu}_e\pi^+ K^0, D^0 \to K^- a_1^+, K^0 \to K_L, a_1^+ \to \pi^+ f_0(600)$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^- \bar{n}p f_0(600)\gamma\gamma)$	73	73	1	74
75	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}D^0, \bar{B}^0 \to D^{*+}D_{s0}^{*-}, K^{*+} \to \pi^+ K^0, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $D^0 \to \pi^0\pi^+ K^-, D^{*+} \to \pi^0 D^+, D_{s0}^{*-} \to \pi^0 D_s^-, K^0 \to K_L, \bar{D}^0 \to \rho^- K^{*+}, D^+ \to \mu^+\nu_\mu\pi^+ K^-,$ $D_s^- \to K^* K^-, \rho^- \to \pi^0\pi^-, K^{*+} \to \pi^0 K^+, K^* \to \pi^0 K^0, K^0 \to K_L$ $(e^+e^- \to \mu^+\nu_\mu K_L K_L\pi^+\pi^+\pi^+\pi^-\pi^- K^+ K^- K^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	74	74	1	75
76	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^+\bar{D}^{*-}D^{*0}, \bar{D}^{*-} \to \pi^0 D^-, \rho^+ \to \pi^0\pi^+,$ $\bar{D}^{*-} \to \pi^0 D^-, D^{*0} \to \pi^0 D^0, D^- \to K_L\pi^- K^+ K^-, D^- \to \pi^0\pi^-\pi^- K^+, D^0 \to \pi^0\pi^+ K^-$ $(e^+e^- \to \mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+ K^+ K^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	75	75	1	76
77	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to K^- D^{*+}\bar{D}^{*0}, \rho^+ \to \pi^0\pi^+, \omega \to \pi^+\pi^-,$ $\omega \to \pi^0\pi^+\pi^-, D^- \to \pi^0 K_L\pi^-, D^{*+} \to \pi^0 D^+, \bar{D}^{*0} \to \pi^0\bar{D}^0, D^+ \to \pi^+\bar{K}_1^{'0}, \bar{D}^0 \to \rho^- K^{*+},$ $\bar{K}_1^{'0} \to \pi^+ K^{*-}, \rho^- \to \pi^0\pi^-, K^{*+} \to \pi^+ K^0, K^{*-} \to \pi^-\bar{K}^0, K^0 \to K_L, \bar{K}^0 \to K_S,$ $K_S \to \pi^0\pi^0$ $(e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	76	76	1	77
78	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-\omega\bar{K}^0 D^{*+}, D^{*+} \to \pi^+ D^0, \rho^- \to \pi^0\pi^-,$ $\omega \to \pi^0\pi^+\pi^-, \bar{K}^0 \to K_S, D^{*+} \to \pi^+ D^0, D^0 \to \pi^0\eta K_S, D^0 \to \mu^+\nu_\mu K^{*-}, \eta \to \gamma\gamma,$ $K_S \to \pi^+\pi^-, K^{*-} \to \pi^-\bar{K}^0, \bar{K}^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K_S\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	77	77	1	78

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
79	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\eta D^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \eta \to \pi^0\pi^+\pi^-, D^- \to e^-\bar{\nu}_eK_1^0,$ $\rho^0 \to \pi^+\pi^-, D^{*+} \to \pi^+D^0, K_1^0 \to \pi^0\pi^-K^+, D^0 \to e^+\nu_eK^-$ $(e^+e^- \to e^+e^+e^-\nu_e\nu_e\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma)$	78	78	1	79
80	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^-\rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+,$ $\eta \to \pi^0\pi^+\pi^-, \eta \to \pi^0\pi^+\pi^-, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^{*+} \to \pi^0D^+, \bar{D}^0 \to \pi^-K^+, D^+ \to e^+\nu_e\bar{K}^*,$ $\bar{K}^* \to \pi^+K^-$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	79	79	1	80
81	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^0\pi^-\omega K^0\bar{K}^0\bar{K}^*D^{*+}, \tau^+ \to \mu^+\nu_\mu\bar{\nu}_\tau, D_0^{*-} \to \pi^-\bar{D}^0,$ $\omega \to \pi^0\pi^+\pi^-, K^0 \to K_S, \bar{K}^0 \to K_L, \bar{K}^* \to \pi^+K^-, D^{*+} \to \pi^0D^+, \bar{D}^0 \to \pi^+\pi^-\pi^-K^+,$ $K_S \to \pi^+\pi^-, D^+ \to \pi^0\pi^+K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to \mu^+\nu_\mu\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	80	80	1	81
82	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-a_1^+, \bar{B}^0 \to \pi^+\pi^-D^+D_s^{*-}, D^- \to \mu^-\bar{\nu}_\mu\omega, a_1^+ \to \rho^0\pi^+,$ $D^+ \to \pi^+\pi^+K^-, D_s^{*-} \to D_s^-\gamma, \omega \to \pi^0\pi^+\pi^-, \rho^0 \to \pi^+\pi^-, D_s^- \to \rho^-\phi, \rho^- \to \pi^0\pi^-,$ $\phi \to K^+K^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma)$	81	81	1	82
83	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\omega D^-, \bar{B}^0 \to \pi^+D^0D_s^-, \rho^+ \to \pi^0\pi^+, \eta \to \pi^+\pi^-,$ $\omega \to \pi^0\gamma, D^- \to \mu^-\bar{\nu}_\mu K^*, D^0 \to K_SK^+K^-, D_s^- \to \rho^-\phi, K^* \to \pi^-K^+, K_S \to \pi^+\pi^-,$ $\rho^- \to \pi^0\pi^-, \phi \to \pi^-\rho^+, \rho^+ \to \pi^0\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	82	82	1	83
84	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-D^{*+}, K^0 \to K_S, D^- \to \pi^-K^+K^-,$ $D^{*+} \to \pi^+D^0, K_S \to \pi^0\pi^0, D^0 \to \rho^+K^{*-}, \rho^+ \to \pi^0\pi^+, K^{*-} \to \pi^0K^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	83	83	1	84
85	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e\eta D^+, \rho^- \to \pi^0\pi^-, \bar{D}^{*0} \to \pi^0\bar{D}^0,$ $\eta \to \pi^0\pi^+\pi^-, D^+ \to \mu^+\nu_\mu\bar{K}^0, \bar{D}^0 \to K_S\eta', \bar{K}^0 \to K_L, K_S \to \pi^0\pi^0, \eta' \to \pi^+\pi^-\eta,$ $\eta \to \pi^0\pi^0\pi^0$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	84	84	1	85
86	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta'D^+\bar{D}^{*-}, B^0 \to \omega\bar{D}^{*-}\bar{n}p, \eta' \to \pi^0\pi^0\eta, D^+ \to \pi^+\phi,$ $\bar{D}^{*-} \to \pi^-\bar{D}^0, \omega \to \pi^0\pi^+\pi^-, \bar{D}^{*-} \to \pi^-\bar{D}^0, \eta \to \pi^0\pi^+\pi^-, \phi \to K^+K^-, \bar{D}^0 \to e^-\bar{\nu}_e\rho^+,$ $\bar{D}^0 \to e^-\bar{\nu}_eK^+, \rho^+ \to \pi^0\pi^+$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	85	85	1	86
87	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+D^-, \bar{B}^0 \to e^-\bar{\nu}_eD_2^{*+}, \rho^+ \to \pi^0\pi^+, D^- \to \mu^-\bar{\nu}_\mu K^*,$ $D_2^{*+} \to \pi^+D^0, K^* \to \pi^-K^+, D^0 \to K_L\omega, \omega \to \pi^0\pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma)$	86	86	1	87
88	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\eta D^-, \bar{B}^0 \to \pi^-\rho^+K^0K^{*-}D^+, \rho^0 \to \pi^+\pi^-, \eta \to \gamma\gamma,$ $D^- \to \pi^-\pi^-K^+, \rho^+ \to \pi^0\pi^+, K^0 \to K_L, K^{*-} \to \pi^0K^-, D^+ \to \rho^0\pi^+, K_L \to \mu^+\nu_\mu\pi^-,$ $\rho^0 \to \pi^+\pi^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	87	87	1	88

11

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
89	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0 p\bar{\Sigma}_c^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_0^{*+}, \rho^0 \to \pi^+\pi^-, \bar{\Sigma}_c^{*-} \to \pi^0\bar{\Lambda}_c^-,$ $D_0^{*+} \to \pi^+ D^0, \bar{\Lambda}_c^- \to K^+\bar{\Delta}^{++}, D^0 \to \pi^+\pi^-\bar{K}^*, \bar{\Delta}^{++} \to \pi^-\bar{p}, \bar{K}^* \to \pi^+ K^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^+ K^- p\bar{p}\gamma\gamma)$	88	88	1	89
90	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^-\pi^- D^+\bar{n}p, \bar{D}^{*-} \to \pi^0 D^-, D^+ \to K_S a_1^+,$ $D^- \to \pi^0\pi^0\pi^-\pi^- K^+, K_S \to \pi^0\pi^0, a_1^+ \to \pi^+ f_0(600)$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\pi^-\pi^- K^+\bar{n}p f_0(600)\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	89	89	1	90
91	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^-\rho^+ D^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \rho^+ \to \pi^0\pi^+, D^- \to \mu^-\bar{\nu}_\mu\pi^- K^+,$ $D^{*+} \to \pi^0 D^+, D^+ \to \pi^+\pi^+ K^-$ $(e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^- K^+ K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	90	90	1	91
92	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} J/\psi, \bar{B}^0 \to \pi^0\pi^+ K^-\eta_c(2S), K^{*+} \to \pi^0 K^+, J/\psi \to e^+e^-,$ $\pi^0 \to e^+e^-, \eta_c(2S) \to \eta\Sigma^+\bar{\Sigma}^-, \eta \to \pi^0\pi^0\pi^0, \Sigma^+ \to \pi^+ n, \bar{\Sigma}^- \to \pi^0\bar{p}$ $(e^+e^- \to e^+e^+e^-e^-\pi^+\pi^+\pi^- K^+ K^- n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	91	91	1	92
93	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \bar{K}^0\psi', \bar{B}^0 \to \pi^-\rho^+\rho^- D^+, \bar{K}^0 \to K_S, \psi' \to \pi^0\pi^0 J/\psi,$ $\rho^+ \to \pi^0\pi^+, \rho^- \to \pi^0\pi^-, D^+ \to \bar{K}^* a_1^+, K_S \to \pi^+\pi^-, J/\psi \to \mu^+\mu^-, \bar{K}^* \to \pi^+ K^-,$ $a_1^+ \to \pi^+ f_0(600)$ $(e^+e^- \to \mu^+\mu^-\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^- f_0(600)\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	92	92	1	93
94	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to \pi^- K^0 D^+, \rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+,$ $\bar{D}^{*-} \to \pi^-\bar{D}^0, K^0 \to K_L, D^+ \to K_L a_1^+, \bar{D}^0 \to \pi^- K^+, a_1^+ \to \pi^+ f_0(600)$ $(e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+ f_0(600)\gamma\gamma)$	93	93	1	94
95	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\omega D^-, \bar{B}^0 \to \pi^0\omega K^0 K^- D^+, \rho^+ \to \pi^0\pi^+, \omega \to \pi^0\pi^+\pi^-,$ $D^- \to \pi^-\pi^- K^+, \pi^0 \to e^+e^-, \omega \to \pi^0\pi^+\pi^-, K^0 \to K_S, D^+ \to \mu^+\nu_\mu\bar{K}^*, K_S \to \pi^+\pi^-,$ $\bar{K}^* \to \pi^+ K^-$ $(e^+e^- \to e^+e^-\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+ K^- K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	94	94	1	95
96	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^{*+} \to \pi^+ D^0,$ $\bar{D}^0 \to K^+ a_1^-, D^0 \to \pi^0\pi^+ K^-, a_1^- \to \pi^- f_0(600)$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^+\pi^-\pi^- K^+ K^- f_0(600)\gamma\gamma)$	95	95	1	96
97	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^- D^{*+}\Delta^+\bar{\Delta}^+, K^{*+} \to \pi^+ K^0, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $D^{*+} \to \pi^+ D^0, \Delta^+ \to \pi^+ n, \bar{\Delta}^+ \to \pi^0\bar{p}, K^0 \to K_L, \bar{D}^0 \to \pi^0\pi^- K^+, D^0 \to \pi^+\pi^- K_S,$ $K_S \to \pi^+\pi^-$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+ n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma)$	96	96	1	97
98	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_2^{*-} D_s^{*+}, \bar{B}^0 \to \pi^+\pi^- D^+ D_s^-, D_2^{*-} \to \pi^0\bar{D}^{*-}, D_s^{*+} \to D_s^+\gamma,$ $D^+ \to \pi^+\bar{K}_1^{'0}, D_s^- \to e^-\bar{\nu}_e\eta', \bar{D}^{*-} \to \pi^-\bar{D}^0, D_s^+ \to \pi^+\phi, \bar{K}_1^{'0} \to \pi^+ K^{*-}, \eta' \to \pi^0\pi^0\eta,$ $\bar{D}^0 \to \pi^-\omega K^+, \phi \to \pi^-\rho^+, K^{*-} \to \pi^-\bar{K}^0, \eta \to \pi^0\pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-, \rho^+ \to \pi^0\pi^+,$ $\bar{K}^0 \to K_S, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	97	97	1	98

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
99	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K_L\eta_c, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}, \eta_c \to \pi^0 K^0\bar{K}^0\bar{K}^0 K^*, \rho^+ \to \pi^0\pi^+,$ $D^{*+} \to \pi^0 D^+, K^0 \to K_S, \bar{K}^0 \to K_L, \bar{K}^0 \to K_S, K^* \to \pi^- K^+, D^+ \to \pi^0\pi^+ K_S,$ $K_S \to \pi^0\pi^0, K_S \to \pi^+\pi^-, K_S \to \pi^+\pi^-$ $(e^+e^- \to K_L K_L \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+ \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	98	98	1	99
100	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\rho^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to K^*K^-D^+, \rho^0 \to \pi^+\pi^-, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $K^* \to \pi^0 K^0, D^+ \to \pi^+\pi^+ K^-, \bar{D}^0 \to \pi^-\rho^+, K^0 \to K_S, \rho^+ \to \pi^0\pi^+, K_S \to \pi^0\pi^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^- K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	99	99	1	100
101	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\rho^-\eta\bar{D}^0, \bar{B}^0 \to \pi^-\rho^+\rho^-D^+, \rho^- \to \pi^0\pi^-, \eta \to \pi^0\pi^+\pi^-,$ $\bar{D}^0 \to \pi^0\pi^+\pi^- K_S, \rho^+ \to \pi^0\pi^+, \rho^- \to \pi^0\pi^-, D^+ \to e^+\nu_e\bar{K}^0, \pi^0 \to e^+e^-, K_S \to \pi^+\pi^-,$ $\bar{K}^0 \to K_S, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^+e^+e^-\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	100	100	1	101
102	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\eta\omega\bar{D}^0, \bar{B}^0 \to \pi^+\pi^-D^+D_s^-, \eta \to \pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-,$ $\bar{D}^0 \to \pi^0\pi^- K^+, D^+ \to \pi^0\pi^+ K_S, D_s^- \to e^-\bar{\nu}_e\eta, K_S \to \pi^+\pi^-, \eta \to \pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+ \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	101	101	1	102
103	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^+\omega\omega D^-, \bar{B}^0 \to \pi^0\pi^0\rho^0\pi^-\pi^-\rho^+D^{*+}, \rho^+ \to \pi^0\pi^+, \omega \to \pi^0\pi^+\pi^-,$ $\omega \to \pi^0\pi^+\pi^-, D^- \to \pi^-\pi^- K^+, \rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+, D^{*+} \to \pi^+ D^0, D^0 \to \pi^0\pi^+ K^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	102	102	1	103
104	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}, \bar{B}^0 \to \rho^0\pi^-\rho^+D^0, D^- \to \pi^0\pi^- K_S, D_s^{*+} \to D_s^+\gamma,$ $\rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+, D^0 \to \mu^+\nu_\mu K^-, K_S \to \pi^+\pi^-, D_s^+ \to \pi^0\pi^+\omega, \omega \to \pi^0\pi^+\pi^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	103	103	1	104
105	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^-\omega D^-, \bar{B}^0 \to \pi^+D^{*0}D_s^-, \rho^0 \to \pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-,$ $D^- \to \pi^0\pi^- K^*, D^{*0} \to \pi^0 D^0, D_s^- \to e^-\bar{\nu}_e\eta', K^* \to \pi^- K^+, D^0 \to \pi^+\pi^-\bar{K}^*, \eta' \to \pi^+\pi^-\eta,$ $\bar{K}^* \to \pi^+ K^-, \eta \to \gamma\gamma$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	104	104	1	105
106	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ K^+ K^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \rho^+ \to \pi^0\pi^+, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $D^{*+} \to \pi^0 D^+, \bar{D}^0 \to K_L\pi^+\pi^-, D^+ \to \pi^0\pi^+ K_S, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^-\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^-\pi^- K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	105	105	1	106
107	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0 J/\psi, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, K^0 \to K_S, J/\psi \to e^+e^-,$ $D^{*+} \to \pi^+ D^0, K_S \to \pi^+\pi^-, D^0 \to \pi^0\pi^+\pi^- K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+e^-\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- \gamma\gamma\gamma\gamma)$	106	106	1	107
108	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\pi^+\rho^-\bar{D}^{*0}, \bar{B}^0 \to \rho^-\eta\omega\omega D^{*+}, \rho^- \to \pi^0\pi^-, \bar{D}^{*0} \to \bar{D}^0\gamma,$ $\rho^- \to \pi^0\pi^-, \eta \to \pi^0\pi^0\pi^0, \omega \to \pi^0\pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-, D^{*+} \to \pi^0 D^+, \bar{D}^0 \to \pi^-\omega K^+,$ $\pi^0 \to e^+e^-, D^+ \to \pi^0\pi^+\bar{K}^*, \omega \to \pi^0\gamma, \bar{K}^* \to \pi^0\bar{K}^0, \bar{K}^0 \to K_L, K_L \to \mu^-\nu_\mu\pi^+,$ $\pi^0 \to e^+e^-$ $(e^+e^- \to e^+e^-\mu^-\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+ \gamma)$	107	107	1	108

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
109	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^+, \bar{D}^{*0} \to \pi^0\bar{D}^0, \rho^- \to \pi^0\pi^-,$ $D^+ \to \pi^+K_S, \bar{D}^0 \to \mu^-\bar{\nu}_\mu K^+, K_S \to \pi^+\pi^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma)$	108	108	1	109
110	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^0\pi^-D^{*+}, \bar{B}^0 \to \bar{K}^0\bar{\Sigma}^{*0}\Sigma_c^{*0}, \rho^0 \to \pi^+\pi^-, D^{*+} \to \pi^+D^0,$ $\bar{K}^0 \to K_L, \bar{\Sigma}^{*0} \to \pi^0\bar{\Lambda}, \Sigma_c^{*0} \to \pi^-\Lambda_c^+, D^0 \to \pi^0\pi^0\bar{K}^*, \bar{\Lambda} \to \pi^+\bar{p}, \Lambda_c^+ \to \pi^+\eta\Lambda,$ $\bar{K}^* \to \pi^+K^-, \eta \to \pi^0\pi^0\pi^0, \Lambda \to \pi^-p$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	109	109	1	110
111	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \rho^0\pi^+\bar{\Delta}^{++}\Lambda_c^+, D^{*+} \to \pi^0D^+, D_s^{*-} \to \pi^0D_s^-,$ $\rho^0 \to \pi^+\pi^-, \bar{\Delta}^{++} \to \pi^-\bar{p}, \Lambda_c^+ \to \rho^0\Sigma^+, D^+ \to \pi^0K_L\pi^+, D_s^- \to \mu^-\bar{\nu}_\mu\eta, \rho^0 \to \pi^+\pi^-,$ $\Sigma^+ \to \pi^0p, \eta \to \gamma\gamma$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	110	110	1	111
112	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_2^{*-}, \bar{B}^0 \to \rho^-D^{*+}, D_2^{*-} \to \pi^-\bar{D}^0, \rho^- \to \pi^0\pi^-,$ $D^{*+} \to \pi^+D^0, \bar{D}^0 \to \pi^0K_1^0, D^0 \to K^-a_1^+, K_1^0 \to \omega K^0, a_1^+ \to \pi^0\rho^+, \omega \to \pi^0\pi^+\pi^-,$ $K^0 \to K_S, \rho^+ \to \pi^0\pi^+, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	111	111	1	112
113	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to D_s^{*+}\bar{\Delta}^+\Lambda, D^- \to \pi^-\pi^-K^+, D_s^{*+} \to D_s^+\gamma,$ $\bar{\Delta}^+ \to \pi^-\bar{n}, \Lambda \to \pi^0n, D_s^+ \to \pi^+\eta, \eta \to \pi^0\pi^+\pi^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+n\bar{n}\gamma\gamma\gamma\gamma\gamma)$	112	112	1	113
114	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to K^-D^{*+}\bar{D}^{*0}, \bar{D}^{*-} \to \pi^0D^-, D^{*+} \to \pi^+D^0,$ $\bar{D}^{*0} \to \pi^0\bar{D}^0, D^- \to K_L\pi^+\pi^-K^-, D^0 \to \pi^-\rho^+, \bar{D}^0 \to \pi^0\pi^-K^+, \rho^+ \to \pi^0\pi^+$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	113	113	1	114
115	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{D}^{*-} \to \pi^-\bar{D}^0, D_{s1}'^+ \to \pi^0D_s^{*+},$ $D^{*+} \to \pi^+D^0, \bar{D}^0 \to \pi^-\eta K^+, D_s^{*+} \to D_s^+\gamma, D^0 \to K_LK^+K^-, \eta \to \pi^0\pi^+\pi^-, D_s^+ \to \pi^0\pi^+\pi^+\pi^+\pi^-\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	114	114	1	115
116	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D_1'^+, D^{*+} \to \pi^+D^0, D_s^{*-} \to D_s^-\gamma,$ $D_1'^+ \to \pi^0D^{*+}, D^0 \to \pi^0\pi^+K^-, D_s^- \to \rho^-\eta, D^{*+} \to \pi^+D^0, \rho^- \to \pi^0\pi^-, \eta \to \pi^0\pi^+\pi^-,$ $D^0 \to \pi^0\pi^+\pi^-K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	115	115	1	116
117	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\eta\bar{K}^0K^*D^-, \bar{B}^0 \to D^{*+}D_s^{*-}, \eta \to \pi^+\pi^-, \bar{K}^0 \to K_L,$ $K^* \to \pi^-K^+, D^- \to \pi^0\pi^-K^*, D^{*+} \to \pi^+D^0, D_s^{*-} \to D_s^-\gamma, K^* \to \pi^-K^+, D^0 \to e^+\nu_e K^{*-},$ $D_s^- \to \rho^-\eta', K^{*-} \to \pi^0K^-, \rho^- \to \pi^0\pi^-, \eta' \to \pi^+\pi^-\eta, \eta \to \gamma\gamma$ $(e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	116	116	1	117
118	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-\eta\bar{K}^0K^+\bar{D}^{*0}, \bar{B}^0 \to \pi^-\eta D^{*+}, \rho^- \to \pi^0\pi^-, \eta \to \pi^0\pi^0\pi^0,$ $\bar{K}^0 \to K_S, \bar{D}^{*0} \to \bar{D}^0\gamma, \eta \to \pi^0\pi^0\pi^0, D^{*+} \to \pi^+D^0, K_S \to \pi^0\pi^0, \bar{D}^0 \to \pi^0\pi^-K^+,$ $D^0 \to e^+\nu_e K^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\pi^-K^+K^+K^-\gamma)$	117	117	1	118

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
119	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0\bar{D}^0, B^0 \to \pi^0\rho^0\rho^+\omega D^-, \bar{D}^0 \to \rho^0\pi^-K^+, \rho^0 \to \pi^+\pi^-,$ $\rho^+ \to \pi^0\pi^+, \omega \to \pi^0\pi^+\pi^-, D^- \to e^-\bar{\nu}_e\pi^-K^+, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	118	118	1	119
120	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^0D^{*+}\bar{D}^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, K^0 \to K_S, D^{*+} \to \pi^0 D^+,$ $\bar{D}^{*-} \to \pi^-\bar{D}^0, D^{*+} \to \pi^+D^0, K_S \to \pi^+\pi^-, D^+ \to \pi^+\pi^+K^-, \bar{D}^0 \to \pi^-K_SK^+, D^0 \to K_L\pi^-K^+,$ $K_S \to \pi^+\pi^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma)$	119	119	1	120
121	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, D^{*+} \to \pi^+D^0, D^{*+} \to \pi^+D^0,$ $D^0 \to \pi^0\pi^+K^-, D^0 \to \rho^0K^{*-}, \rho^+ \to \pi^0\pi^+, K^{*-} \to \pi^-\bar{K}^0, \bar{K}^0 \to K_L$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-K^-\gamma\gamma\gamma\gamma)$	120	120	1	121
122	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\omega D^{*0}, \bar{D}^{*-} \to \pi^-\bar{D}^0, \omega \to \pi^0\pi^+\pi^-,$ $D^{*0} \to \pi^0D^0, \bar{D}^0 \to \pi^-K_SK^+, D^0 \to \mu^+\nu_\mu\pi^-\bar{K}^0, K_S \to \pi^+\pi^-, \bar{K}^0 \to K_L$ $(e^+e^- \to \mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma)$	121	121	1	122
123	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^{*+} \to \pi^+D^0,$ $\bar{D}^0 \to e^-\bar{\nu}_e K^+, D^0 \to \rho^0K^{*-}, \rho^+ \to \pi^0\pi^+, K^{*-} \to \pi^0K^-$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^-K^+K^-\gamma\gamma\gamma\gamma)$	122	122	1	123
124	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\omega K^{*-}D_s^+, \tau^+ \to \bar{\nu}_\tau\pi^0\pi^+, \bar{D}^{*-} \to \pi^0 D^-,$ $\omega \to \pi^0\pi^+\pi^-, K^{*-} \to \pi^-\bar{K}^0, D_s^+ \to \pi^+f_0(980), D^- \to e^-\bar{\nu}_e K^0, \bar{K}^0 \to K_L, f_0(980) \to \pi^+\pi^-,$ $K^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	123	123	1	124
125	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-\bar{K}^0K^+\bar{D}^{*0}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{K}^0 \to K_L, \bar{D}^{*0} \to \pi^0\bar{D}^0,$ $D^+ \to K_L K^{*+}, \bar{D}^0 \to \omega K_S, K^{*+} \to \pi^+K^0, \omega \to \pi^0\pi^+\pi^-, K_S \to \pi^0\pi^0, K^0 \to K_S,$ $\pi^0 \to e^+e^-, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^+e^-\mu^-\bar{\nu}_\mu K_L K_L\pi^+\pi^+\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	124	124	1	125
126	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, D_1'^- \to \pi^-\bar{D}^{*0}, D^{*+} \to \pi^0D^+,$ $\bar{D}^{*0} \to \pi^0\bar{D}^0, D^+ \to e^+\nu_e\bar{K}^*, \bar{D}^0 \to \rho^-K^{*+}, \bar{K}^* \to \pi^+K^-, \rho^- \to \pi^0\pi^-, K^{*+} \to \pi^+K^0,$ $K^0 \to K_S, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^+\nu_e\mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	125	125	1	126
127	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^+\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-, \pi^0 \to e^+e^-, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $D_2^{*+} \to \pi^+D^0, D_s^- \to \pi^0\pi^0\pi^-, \bar{D}^0 \to \pi^0\pi^-K^+, D^0 \to \rho^0K^{*-}, \rho^+ \to \pi^0\pi^+, K^{*-} \to \pi^-\bar{K}^0,$ $\bar{K}^0 \to K_L, K_L \to \pi^0\pi^+\pi^-$ $(e^+e^- \to e^+e^-\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	126	126	1	127
128	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{B}^0 \to \bar{K}^*D^+D^-, D^{*+} \to \pi^+D^0, \bar{K}^* \to \pi^+K^-,$ $D^+ \to e^+\nu_e\bar{K}^0, D^- \to e^-\bar{\nu}_e K^*, D^0 \to \pi^0\pi^+K^-, \bar{K}^0 \to K_S, K^* \to \pi^0K^0, K_S \to \pi^+\pi^-,$ $K^0 \to K_L$ $(e^+e^- \to e^+e^-e^-\nu_e\bar{\nu}_e\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^+\pi^-K^-K^-\gamma\gamma\gamma\gamma)$	127	127	1	128

15

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
129	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D_1'^-, \bar{B}^0 \to \pi^+D^0D_s^-, D_1'^- \to \pi^-\bar{D}^{*0}, D^0 \to \pi^0\pi^+\pi^-K_S,$ $D_s^- \to \tau^-\bar{\nu}_\tau, \bar{D}^{*0} \to \pi^0\bar{D}^0, K_S \to \pi^+\pi^-, \tau^- \to e^-\bar{\nu}_e\nu_\tau, \bar{D}^0 \to \pi^+\pi^-K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\nu_\tau\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma)$	128	128	1	129
130	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}a_1^+, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{D}^{*-} \to \pi^0D^-, a_1^+ \to \pi^0\rho^+,$ $D^{*+} \to \pi^0D^+, D^- \to \pi^-\pi^-K^+, \rho^+ \to \pi^0\pi^+, D^+ \to e^+\nu_e\bar{K}^0, \bar{K}^0 \to K_L, K_L \to e^-\nu_e\pi^+$ $(e^+e^- \to e^+e^-e^-\nu_e\nu_e\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	129	129	1	130
131	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \eta\bar{K}^0K^+\bar{D}^{*-}, \bar{B}^0 \to \rho^-\eta D^+, \eta \to \pi^0\pi^+\pi^-, \bar{K}^0 \to K_S,$ $\bar{D}^{*-} \to \pi^0D^-, \rho^- \to \pi^0\pi^-, \eta \to \gamma\gamma, D^+ \to \pi^0\pi^0\pi^+, K_S \to \pi^0\pi^0, D^- \to K_L a_1^-,$ $a_1^- \to \rho^0\pi^-, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	130	130	1	131
132	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D^+, \bar{B}^0 \to \rho^0\pi^-\omega D^+, \rho^- \to \pi^0\pi^-, D^+ \to e^+\nu_e\pi^+K^-,$ $\rho^0 \to \pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-, D^+ \to \pi^+\pi^+K^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-K^-\gamma\gamma\gamma\gamma)$	131	131	1	132
133	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_s^{*+}, B^0 \to e^+\nu_e D_2^{*-}, \bar{D}^{*-} \to \pi^0D^-, D_s^{*+} \to \mu^+\nu_\mu\phi,$ $D_2^{*-} \to \pi^-\bar{D}^{*0}, D^- \to e^-\bar{\nu}_e\pi^-K^+, \phi \to K^+K^-, \bar{D}^{*0} \to \bar{D}^0\gamma, \bar{D}^0 \to K^+a_1^-, a_1^- \to \rho^0\pi^-,$ $\rho^0 \to \pi^+\pi^-$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+K^+K^-\gamma\gamma\gamma)$	132	132	1	133
134	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\bar{D}^{*-}, \bar{B}^0 \to D_2^{*+}D_s^-, \rho^+ \to \pi^0\pi^+, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $D_2^{*+} \to \pi^+D^0, D_s^- \to \tau^-\bar{\nu}_\tau, \bar{D}^0 \to \pi^0K_L\pi^+\pi^-, D^0 \to \rho^+K^{*-}, \tau^- \to \nu_\tau\pi^0\pi^-, \rho^+ \to \pi^0\pi^+,$ $K^{*-} \to \pi^-\bar{K}^0, \bar{K}^0 \to K_L$ $(e^+e^- \to \nu_\tau\bar{\nu}_\tau K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	133	133	1	134
135	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\omega K^+D_s^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \omega \to \pi^0\pi^+\pi^-, D_s^{*-} \to D_s^-\gamma,$ $D^{*+} \to \pi^+D^0, D_s^- \to \rho^-\eta', D^0 \to \pi^+\pi^+\pi^-K^-, \rho^- \to \pi^0\pi^-, \eta' \to \rho^0\gamma, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	134	134	1	135
136	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D_s^{*+}D_1'^-, \bar{B}^0 \to \rho^0\pi^-D^{*+}, D_s^{*+} \to D_s^+\gamma, D_1'^- \to \pi^-\bar{D}^{*0},$ $\rho^0 \to \pi^+\pi^-, D^{*+} \to \pi^+D^0, D_s^+ \to K_L\pi^+\pi^-K^+, \bar{D}^{*0} \to \bar{D}^0\gamma, D^0 \to K^-a_1^+, \bar{D}^0 \to \pi^0\pi^+\pi^-K^*,$ $a_1^+ \to \pi^+f_0(600), K^* \to \pi^-K^+$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-f_0(600)\gamma\gamma\gamma\gamma)$	135	135	1	136
137	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^-\rho^+\rho^+K^0D^-, \bar{B}^0 \to \pi^0\rho^0\pi^-\eta\omega D^+, \rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+,$ $\rho^+ \to \pi^0\pi^+, K^0 \to K_S, D^- \to K_L\pi^+\pi^-K^-, \pi^0 \to e^+e^-, \rho^0 \to \pi^+\pi^-, \eta \to \pi^+\pi^-,$ $\omega \to \pi^0\pi^+\pi^-, D^+ \to K_L a_1^+, K_S \to \pi^+\pi^-, a_1^+ \to \pi^0\rho^+, \rho^+ \to \pi^0\pi^+$ $(e^+e^- \to e^+e^-K_LK_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	136	136	1	137
138	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^0K^+D_s^{*-}, \bar{B}^0 \to D^{*0}n\bar{n}, D_s^{*-} \to D_s^-\gamma, D^{*0} \to \pi^0D^0,$ $D_s^- \to \rho^-\eta', D^0 \to \pi^+K^-, \rho^- \to \pi^0\pi^-, \eta' \to \rho^0\gamma, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^+K^-n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	137	137	1	138

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
139	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, B^0 \to K^+\Delta^+\bar{\Sigma}_c^{*--}, D^- \to K_L\pi^+\pi^-K^-, \Delta^+ \to \pi^0 p,$ $\bar{\Sigma}_c^{*--} \to \pi^-\bar{\Lambda}_c^-, \bar{\Lambda}_c^- \to \pi^0\pi^-\bar{\Delta}^0, \bar{\Delta}^0 \to \pi^+\bar{p}$ $(e^+e^- \to e^+\nu_e K_L \pi^+\pi^+\pi^-\pi^-\pi^-K^+K^- p\bar{p}\gamma\gamma\gamma\gamma)$	138	138	1	139
140	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\rho^+\rho^-\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\pi^-\bar{K}^0 K^* K^+ K^{*-}, \rho^+ \to \pi^0\pi^+, \rho^+ \to \pi^0\pi^+,$ $\rho^- \to \pi^0\pi^-, \eta \to \pi^0\pi^+\pi^-, \bar{D}^{*-} \to \pi^0 D^-, \bar{K}^0 \to K_S, K^* \to \pi^-K^+, K^{*-} \to \pi^-\bar{K}^0,$ $D^- \to e^-\bar{\nu}_e K^*, K_S \to \pi^+\pi^-, \bar{K}^0 \to K_S, K^* \to \pi^-K^+, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	139	139	1	140
141	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\pi^-D^+, \bar{D}^{*-} \to \pi^-\bar{D}^0, \rho^0 \to \pi^+\pi^-,$ $D^+ \to \pi^0\pi^+\bar{K}^*, \bar{D}^0 \to e^-\bar{\nu}_e K^+, \bar{K}^* \to \pi^0\bar{K}^0, \bar{K}^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e \mu^+\nu_\mu \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma)$	140	140	1	141
142	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to D^-D_s^{*+}\gamma, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, D^- \to \pi^0\pi^-K^+K^-, D_s^{*+} \to D_s^+\gamma,$ $\rho^- \to \pi^0\pi^-, D^+ \to \mu^+\nu_\mu\bar{K}^*, D_s^+ \to \bar{K}^*K^{*+}, \bar{K}^* \to \pi^+K^-, \bar{K}^* \to \pi^+K^-, K^{*+} \to \pi^0K^+$ $(e^+e^- \to \mu^+\nu_\mu \pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^+K^-K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	141	141	1	142
143	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+ n\bar{\Sigma}_c^-, \bar{B}^0 \to D^{*+}D_{s1}'^-, \rho^+ \to \pi^0\pi^+, \bar{\Sigma}_c^- \to \pi^0\bar{\Lambda}_c^-,$ $D^{*+} \to \pi^+D^0, D_{s1}'^- \to \pi^0 D_s^{*-}, \bar{\Lambda}_c^- \to \bar{K}^*\bar{\Sigma}^-, D^0 \to \pi^0\pi^+K^-, D_s^{*-} \to D_s^-\gamma, \bar{K}^* \to \pi^+K^-,$ $\bar{\Sigma}^- \to \pi^-\bar{n}, D_s^- \to K^*K^-, K^* \to \pi^-K^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-K^-K^- n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	142	142	1	143
144	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^+, \bar{B}^0 \to \bar{K}^*K^-D^{*+}, D^+ \to K_S K^{*+}, \bar{K}^* \to \pi^+K^-,$ $D^{*+} \to \pi^0 D^+, K_S \to \pi^+\pi^-, K^{*+} \to \pi^0K^+, D^+ \to \pi^0\pi^0\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+\pi^+\pi^+\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	143	143	1	144
145	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^-\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^-D^{*+}, \omega \to \pi^0\pi^+\pi^-, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $D^{*+} \to \pi^+D^0, \bar{D}^0 \to e^-\bar{\nu}_e \pi^+K^0, D^0 \to \rho^+K^{*-}, K^0 \to K_S, \rho^+ \to \pi^0\pi^+, K^{*-} \to \pi^-\bar{K}^0,$ $K_S \to \pi^+\pi^-, \bar{K}^0 \to K_L$ $(e^+e^- \to e^-\bar{\nu}_e K_L \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma)$	144	144	1	145
146	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+K^0\bar{K}^*\bar{D}^{*-}, \bar{B}^0 \to \pi^+K^-D^-D^{*+}, K^0 \to K_L, \bar{K}^* \to \pi^+K^-,$ $\bar{D}^{*-} \to \pi^-\bar{D}^0, D^- \to K_S a_1^-, D^{*+} \to \pi^+D^0, \bar{D}^0 \to K_S\eta', K_S \to \pi^+\pi^-, a_1^- \to \rho^0\pi^-,$ $D^0 \to \pi^0\pi^0\pi^+\pi^-, K_S \to \pi^+\pi^-, \eta' \to \rho^0\gamma, \rho^0 \to \pi^+\pi^-, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to K_L \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-K^-\gamma\gamma\gamma\gamma\gamma)$	145	145	1	146
147	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-D_2^{*+}, \bar{B}^0 \to \rho^0\pi^+K^{*-}\eta_c, \rho^- \to \pi^0\pi^-, D_2^{*+} \to \pi^+D^0,$ $\rho^0 \to \pi^+\pi^-, K^{*-} \to \pi^-\bar{K}^0, \eta_c \to \pi^0\pi^+\pi^-\omega, D^0 \to \pi^+\omega K^-, \bar{K}^0 \to K_L, \omega \to \pi^0\pi^+\pi^-,$ $\omega \to \pi^0\pi^+\pi^-$ $(e^+e^- \to K_L \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	146	146	1	147
148	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\pi^+\rho^-D^-, \bar{B}^0 \to D_s^{*-}D_1^+, \rho^0 \to \pi^+\pi^-, \rho^- \to \pi^0\pi^-,$ $D^- \to \mu^-\bar{\nu}_\mu K^0, D_s^{*-} \to D_s^-\gamma, D_1^+ \to \pi^+D^{*0}, K^0 \to K_S, D_s^- \to \pi^+\pi^-K_S K^-, D^{*0} \to D^0\gamma,$ $K_S \to \pi^+\pi^-, K_S \to \pi^+\pi^-, D^0 \to \pi^+\omega K^-, \omega \to \pi^0\pi^+\pi^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	147	147	1	148

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
149	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+D^-, \bar{B}^0 \to \pi^+\pi^-\pi^-D^+, \rho^0 \to \pi^+\pi^-, D^- \to \pi^-K_1^{'0},$ $D^+ \to K_S a_1^+, K_1^{'0} \to \pi^-K^{*+}, K_S \to \pi^+\pi^-, a_1^+ \to \pi^0\rho^+, K^{*+} \to \pi^0K^+, \rho^+ \to \pi^0\pi^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	148	148	1	149
150	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau D_0^{*-}, \bar{B}^0 \to \pi^0\omega K^*K^-D^+, \tau^+ \to \mu^+\nu_\mu\bar{\nu}_\tau, D_0^{*-} \to \pi^-\bar{D}^0,$ $\omega \to \pi^0\pi^+\pi^-, K^* \to \pi^0K^0, D^+ \to \pi^+\pi^+K^-, \bar{D}^0 \to \pi^0\pi^-K^+, K^0 \to K_L$ $(e^+e^- \to \mu^+\nu_\mu\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	149	149	1	150
151	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\pi^+\pi^-\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^{*+} \to \pi^0 D^+,$ $\bar{D}^0 \to \pi^-K^+, D^+ \to \mu^+\nu_\mu\pi^+K^-$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma)$	150	150	1	151
152	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\bar{D}^{*-}\bar{\Sigma}^0\Sigma^+, \bar{B}^0 \to \eta\bar{K}^0 J/\psi, \rho^0 \to \pi^+\pi^-, \bar{D}^{*-} \to \pi^0 D^-,$ $\bar{\Sigma}^0 \to \bar{\Lambda}\gamma, \Sigma^+ \to \pi^+n, \eta \to \pi^0\pi^0\pi^0, \bar{K}^0 \to K_L, J/\psi \to \pi^-\eta K_S K^+, D^- \to \mu^-\bar{\nu}_\mu K^0,$ $\bar{\Lambda} \to \pi^+\bar{p}, K_L \to e^-\nu_e\pi^+, \eta \to \pi^0\pi^+\pi^-, K_S \to \pi^+\pi^-, K^0 \to K_S, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^-\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	151	151	1	152
153	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\rho^0\rho^0\rho^+\bar{D}^{*-}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \rho^0 \to \pi^+\pi^-, \rho^0 \to \pi^+\pi^-,$ $\rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^{*+} \to D^+\gamma, \bar{D}^0 \to \rho^-K^{*+}, D^+ \to K_S K^{*+},$ $\rho^- \to \pi^0\pi^-, K^{*+} \to \pi^0K^+, K_S \to \pi^+\pi^-, K^{*+} \to \pi^+K^0, K^0 \to K_L, K_L \to \mu^-\nu_\mu\pi^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	152	152	1	153
154	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-, \bar{B}^0 \to \pi^+K^-\chi_{c1}, K^{*+} \to \pi^0K^+, D^- \to \pi^-K_1^{'0},$ $\chi_{c1} \to \pi^-\eta\eta\bar{K}^0K^+, K_1^{'0} \to \pi^-K^{*+}, \eta \to \gamma\gamma, \eta \to \pi^0\pi^0\pi^0, \bar{K}^0 \to K_S, K^{*+} \to \pi^0K^+,$ $K_S \to \pi^+\pi^-$ $(e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	153	153	1	154
155	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^{*+}D^-D^0, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}, K^{*+} \to \pi^0K^+, D^- \to \pi^0\pi^-K_S,$ $D^0 \to \pi^0\pi^0\pi^+\pi^-, D_2^{*+} \to \pi^+D^0, K_S \to \pi^+\pi^-, D^0 \to \pi^0\pi^+K^{*-}, K^{*-} \to \pi^0K^-$ $(e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	154	154	1	155
156	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+D^-, \bar{B}^0 \to \pi^-\pi^-\rho^+D^{*+}, \rho^+ \to \pi^0\pi^+, D^- \to \rho^-K^*,$ $\rho^+ \to \pi^0\pi^+, D^{*+} \to \pi^+D^0, \rho^- \to \pi^0\pi^-, K^* \to \pi^-K^+, D^0 \to \pi^0\pi^0\bar{K}^*, \bar{K}^* \to \pi^+K^-$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	155	155	1	156
157	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \pi^0\rho^0\rho^-D^{*+}\gamma, \bar{D}^{*-} \to \pi^-\bar{D}^0, \rho^0 \to \pi^+\pi^-,$ $\rho^- \to \pi^0\pi^-, D^{*+} \to \pi^+D^0, \bar{D}^0 \to \pi^0\pi^-K^+, D^0 \to e^+\nu_e\rho^-, \rho^- \to \pi^0\pi^-$ $(e^+e^- \to e^+e^+\nu_e\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	156	156	1	157
158	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0B^0, B^0 \to \pi^+\bar{D}^{*-}, B^0 \to \pi^0\rho^0\pi^+\pi^+\pi^+\pi^-\pi^-\eta\omega D^-, \bar{D}^{*-} \to \pi^-\bar{D}^0, \rho^0 \to \pi^+\pi^-,$ $\eta \to \pi^0\pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-, D^- \to \mu^-\bar{\nu}_\mu\pi^-K^+, \bar{D}^0 \to \pi^0\pi^-K^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	157	157	1	158
159	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^-K^0D^+\bar{D}^{*0}, \bar{B}^0 \to e^-\bar{\nu}_e D^+, K^0 \to K_S, D^+ \to K_S a_1^+,$ $\bar{D}^{*0} \to \bar{D}^0\gamma, D^+ \to \mu^+\nu_\mu\bar{K}^*, K_S \to \pi^+\pi^-, K_S \to \pi^+\pi^-, a_1^+ \to \pi^+f_0(600), \bar{D}^0 \to \pi^0\pi^-K^+,$ $\bar{K}^* \to \pi^0\bar{K}^0, \bar{K}^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+f_0(600)\gamma\gamma\gamma\gamma\gamma)$	158	158	1	159

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
160	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1^-, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, D_1^- \to \pi^-\bar{D}^{*0}, D^{*+} \to \pi^0 D^+,$ $\bar{D}^{*0} \to \pi^0\bar{D}^0, D^+ \to e^+\nu_e\pi^0, \bar{D}^0 \to \pi^0 K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	159	159	1	160
161	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{K}^0 K^+ D^-, \bar{B}^0 \to \rho^0\pi^- D^{*+}, \bar{K}^0 \to K_L, D^- \to K^* a_1^-,$ $\rho^0 \to \pi^+\pi^-, D^{*+} \to \pi^+ D^0, K^* \to \pi^- K^+, a_1^- \to \pi^- f_0(600), D^0 \to \pi^+\omega K^-, \omega \to \pi^0\pi^+\pi^-$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+ K^+ K^- f_0(600)\gamma\gamma)$	160	160	1	161
162	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+} D_s^-, \bar{B}^0 \to \pi^0\pi^0\pi^-\omega D^+, D^{*+} \to \pi^+ D^0, D_s^- \to \mu^-\bar{\nu}_\mu\eta,$ $\omega \to \pi^+\pi^-, D^+ \to \mu^+\nu_\mu\bar{K}^*, D^0 \to \pi^0\pi^+ K^-, \eta \to \pi^0\pi^0\pi^0, \bar{K}^* \to \pi^+ K^-$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^- K^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	161	161	1	162
163	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^{*+} D_s^-, \omega \to \pi^0\pi^+\pi^-, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $D^{*+} \to \pi^0 D^+, D_s^- \to \mu^-\bar{\nu}_\mu\eta', \bar{D}^0 \to \pi^0\pi^+\pi^- K_S, D^+ \to \pi^+\pi^+ K^-, \eta' \to \rho^0\gamma, K_S \to \pi^+\pi^-,$ $\rho^0 \to \pi^+\pi^-$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	162	162	1	163
164	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\Sigma^0\bar{\Xi}_c^0, \bar{B}^0 \to D^+ D_{s1}^{\prime-}, \Sigma^0 \to \Lambda\gamma, \bar{\Xi}_c^0 \to \pi^- K^+\bar{\Sigma}^0,$ $D^+ \to \mu^+\nu_\mu\bar{K}^*, D_{s1}^{\prime-} \to \pi^0 D_s^{*-}, \Lambda \to \pi^- p, \bar{\Sigma}^0 \to \bar{\Lambda}\gamma, \bar{K}^* \to \pi^+ K^-, D_s^{*-} \to D_s^-\gamma,$ $\bar{\Lambda} \to \pi^+\bar{p}, D_s^- \to \rho^-\eta', \rho^- \to \pi^0\pi^-, \eta' \to \pi^+\pi^-\eta, \eta \to \gamma\gamma$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+ K^- p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	163	163	1	164
165	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\eta\omega\bar{D}^{*0}, \bar{B}^0 \to \pi^0\rho^-\omega D^{*+}, \rho^0 \to \pi^+\pi^-, \eta \to \pi^0\pi^+\pi^-,$ $\omega \to \pi^0\pi^+\pi^-, \bar{D}^{*0} \to \pi^0\bar{D}^0, \rho^- \to \pi^0\pi^-, \omega \to \pi^0\pi^+\pi^-, D^{*+} \to \pi^+ D^0, \bar{D}^0 \to \pi^0\pi^- K^+,$ $D^0 \to e^+\nu_e K^{*-}, K^{*-} \to \pi^-\bar{K}^0, \bar{K}^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	164	164	1	165
166	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, \bar{B}^0 \to \rho^- D^+, \bar{D}^{*-} \to \pi^0 D^-, \bar{\Delta}^- \to \pi^+\bar{n},$ $\Delta^0 \to \pi^0 n, \rho^- \to \pi^0\pi^-, D^+ \to \mu^+\nu_\mu\pi^+ K^-, D^- \to \mu^-\bar{\nu}_\mu K^0, K^0 \to K_L$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^- K^- n\bar{n}\gamma\gamma\gamma\gamma\gamma)$	165	165	1	166
167	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^- p\bar{\Sigma}_c^0, \bar{B}^0 \to \tau^-\bar{\nu}_\tau D^{*+}, \rho^- \to \pi^0\pi^-, \bar{\Sigma}_c^0 \to \pi^+\bar{\Lambda}_c^-,$ $\tau^- \to \nu_\tau\pi^0\pi^-, D^{*+} \to \pi^+ D^0, \bar{\Lambda}_c^- \to \pi^-\eta\bar{\Lambda}, D^0 \to K_S\phi, \eta \to e^+e^-, \bar{\Lambda} \to \pi^0\bar{n},$ $K_S \to \pi^+\pi^-, \phi \to K^+ K^-$ $(e^+e^- \to e^+e^-\nu_\tau\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+ K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma)$	166	166	1	167
168	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \pi^+ K^{*-} J/\psi, \bar{B}^0 \to \bar{K}^0 D^{*0}\bar{D}^{*0}, K^{*-} \to \pi^-\bar{K}^0, J/\psi \to K^*\bar{K}^*\gamma,$ $\bar{K}^0 \to K_L, D^{*0} \to D^0\gamma, \bar{D}^{*0} \to \bar{D}^0\gamma, \bar{K}^0 \to K_L, K^* \to \pi^- K^+, \bar{K}^* \to \pi^+ K^-,$ $D^0 \to \pi^0\pi^+ K^-, \bar{D}^0 \to \pi^0\pi^+\pi^- K^*, K^* \to \pi^- K^+$ $(e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+ K^+ K^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	167	167	1	168
169	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^- K^{*+} D^0\bar{D}^{*0}, \bar{B}^0 \to \pi^0\pi^+\pi^-\pi^- D^{*+}, K^{*+} \to \pi^+ K^0, D^0 \to K^- a_1^+,$ $\bar{D}^{*0} \to \pi^0\bar{D}^0, D^{*+} \to \pi^+ D^0, K^0 \to K_S, a_1^+ \to \pi^+\pi^+\pi^-, \bar{D}^0 \to \rho^- K^{*+}, D^0 \to \pi^+ K^-,$ $K_S \to \pi^+\pi^-, \rho^- \to \pi^0\pi^-, K^{*+} \to \pi^0 K^+$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+ K^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	168	168	1	169

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
170	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D^-, \bar{B}^0 \to \pi^+\pi^+\pi^-\pi^-\pi^-\eta K^+K^+D_s^{*-}, D^- \to \mu^-\bar{\nu}_\mu K^0, \eta \to \pi^0\pi^+\pi^-,$ $D_s^{*-} \to D_s^-\gamma, K^0 \to K_L, D_s^- \to \pi^0\pi^+\pi^+\pi^-\pi^-\pi^-$ $(e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma)$	169	169	1	170
171	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\bar{K}^0D^-\Delta^0\bar{\Sigma}^+, \bar{B}^0 \to \pi^0\pi^+\pi^+\pi^-\rho^-\bar{D}^0, \bar{K}^0 \to K_L, D^- \to \pi^0\pi^-K_S,$ $\Delta^0 \to \pi^0 n, \bar{\Sigma}^+ \to \pi^+\bar{n}, \rho^- \to \pi^0\pi^-, \bar{D}^0 \to \pi^-\rho^+, K_S \to \pi^0\pi^0, \rho^+ \to \pi^0\pi^+$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	170	170	1	171
172	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^+\rho^-\rho^-\omega D^{*+}, \bar{D}^{*-} \to \pi^-\bar{D}^0, \rho^- \to \pi^0\pi^-,$ $\rho^- \to \pi^0\pi^-, \omega \to \pi^0\pi^+\pi^-, D^{*+} \to \pi^0 D^+, \bar{D}^0 \to \pi^0\pi^+\pi^-K_S, D^+ \to K_S K^{*+}, K_S \to \pi^+\pi^-,$ $K_S \to \pi^0\pi^0, K^{*+} \to \pi^0 K^+$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	171	171	1	172
173	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to \pi^0\pi^+\pi^+K^-D^-, \bar{D}^{*-} \to \pi^-\bar{D}^0, D_{s1}'^+ \to \pi^0 D_s^{*+},$ $D^- \to K_S K^{*-}, \bar{D}^0 \to \omega K_S, D_s^{*+} \to D_s^+\gamma, K_S \to \pi^0\pi^0, K^{*-} \to \pi^-\bar{K}^0, \omega \to \pi^0\pi^+\pi^-,$ $K_S \to \pi^+\pi^-, D_s^+ \to \rho^+\phi, \bar{K}^0 \to K_S, \rho^+ \to \pi^0\pi^+, \phi \to K^+K^-, K_S \to \pi^0\pi^0$ $(e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	172	172	1	173
174	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to K^*D^-D^{*+}, \bar{B}^0 \to \rho^0\rho^-\eta D^{*+}, K^* \to \pi^-K^+, D^- \to \mu^-\bar{\nu}_\mu K^0,$ $D^{*+} \to \pi^+D^0, \rho^0 \to \pi^+\pi^-, \rho^- \to \pi^0\pi^-, \eta \to \pi^0\pi^+\pi^-, D^{*+} \to \pi^+D^0, K^0 \to K_S,$ $D^0 \to K^-a_1^+, D^0 \to \pi^0\rho^+K^-, K_S \to \pi^+\pi^-, a_1^+ \to \pi^0\rho^+, \rho^+ \to \pi^0\pi^+, \rho^+ \to \pi^0\pi^+$ $(e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	173	173	1	174
175	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \rho^-\omega D^+\gamma, \bar{B}^0 \to \pi^0\pi^0\pi^+K^0K^0K^-K^-D^{*+}, \rho^- \to \pi^0\pi^-, \omega \to \pi^0\pi^+\pi^-,$ $D^+ \to \pi^0\pi^+\bar{K}^*, K^0 \to K_L, K^0 \to K_L, D^{*+} \to \pi^+D^0, \bar{K}^* \to \pi^+K^-, D^0 \to \pi^+\pi^+\pi^-\pi^-$ $(e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	174	174	1	175
176	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \tau^+\nu_\tau\bar{D}^{*-}, \bar{B}^0 \to \pi^0\bar{n}\Sigma_c^0, \tau^+ \to \bar{\nu}_\tau\pi^0\pi^0\pi^+, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $\Sigma_c^0 \to \pi^-\Lambda_c^+, \bar{D}^0 \to \pi^0\pi^-K^+, \Lambda_c^+ \to \pi^0\pi^+K^-p$ $(e^+e^- \to \nu_\tau\bar{\nu}_\tau\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	175	175	1	176
177	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^-D^-\bar{\Delta}^0\Delta^{++}, \bar{B}^0 \to e^-\bar{\nu}_e D^{*+}, \rho^- \to \pi^0\pi^-, D^- \to K_L K_L K^-,$ $\bar{\Delta}^0 \to \pi^0\bar{n}, \Delta^{++} \to \pi^+p, D^{*+} \to \pi^0D^+, D^+ \to K_L\pi^+$ $(e^+e^- \to e^-\bar{\nu}_e K_L K_L K_L\pi^+\pi^+\pi^-K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma)$	176	176	1	177
178	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0D^-\bar{n}p, \bar{B}^0 \to \pi^0\pi^0\pi^0\pi^+K^{*-}\bar{D}^{*0}, D^- \to K_L a_1^-, K^{*-} \to \pi^0 K^-,$ $\bar{D}^{*0} \to \bar{D}^0\gamma, a_1^- \to \pi^0\rho^-, \bar{D}^0 \to K_L K^+K^-, \rho^- \to \pi^0\pi^-, K_L \to \pi^0\pi^0\pi^0$ $(e^+e^- \to K_L\pi^+\pi^-K^+K^-K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	177	177	1	178
179	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \bar{B}^0 \to D^+\Delta^-\bar{n}, D^{*+} \to \pi^0D^+, D^+ \to \pi^+\pi^+K^-,$ $\Delta^- \to \pi^-n, D^+ \to e^+\nu_e\bar{K}^*, \bar{K}^* \to \pi^+K^-$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-K^-K^-n\bar{n}\gamma\gamma)$	178	178	1	179
180	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+D^0D_s^{*-}, \bar{D}^{*-} \to \pi^0D^-, D^0 \to e^+\nu_e K^{*-},$ $D_s^{*-} \to D_s^-\gamma, D^- \to \pi^0\pi^-K_S, K^{*-} \to \pi^-\bar{K}^0, D_s^- \to \pi^-\eta, K_S \to \pi^+\pi^-, \bar{K}^0 \to K_S,$ $\eta \to \gamma\gamma, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	179	179	1	180

20

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
181	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu X_u^-, \bar{B}^0 \to \bar{K}^*\bar{\Lambda}\Xi_c^{*0}, X_u^- \to \pi^0\rho^-, \bar{K}^* \to \pi^+K^-,$ $\bar{\Lambda} \to \pi^+\bar{p}, \Xi_c^{*0} \to \Xi_c^0\gamma, \rho^- \to \pi^0\pi^-, \Xi_c^0 \to \pi^+K^{*-}\Sigma^0, K^{*-} \to \pi^-\bar{K}^0, \Sigma^0 \to \Lambda\gamma,$ $\bar{K}^0 \to K_S, \Lambda \to \pi^-p, K_S \to \pi^+\pi^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma)$	180	180	1	181
182	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to \pi^+\pi^-\rho^-D^+, \rho^0 \to \pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-,$ $\bar{D}^{*-} \to \pi^-\bar{D}^0, \rho^- \to \pi^0\pi^-, D^+ \to \mu^+\nu_\mu\pi^+K^-, \bar{D}^0 \to \pi^-\omega K^+, \omega \to \pi^0\pi^+\pi^-$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	181	181	1	182
183	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to \bar{B}^0\bar{B}^0, \bar{B}^0 \to D^{*+}D_{s1}'^-, \bar{B}^0 \to \pi^-\eta D^{*+}, D^{*+} \to \pi^0D^+, D_{s1}'^- \to \pi^0D_s^{*-},$ $\eta \to \pi^0\pi^0\pi^0, D^{*+} \to \pi^+D^0, D^+ \to e^+\nu_e\bar{K}^*, D_s^{*-} \to D_s^-\gamma, D^0 \to K_L\pi^+\pi^-, \bar{K}^* \to \pi^+K^-,$ $D_s^- \to K^*K^-, K^* \to \pi^0K^0, K^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	182	182	1	183
184	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_1'^-, \bar{B}^0 \to \pi^0\pi^+\pi^-\rho^-D^{*+}, D_1'^- \to \pi^0\bar{D}^{*-}, \rho^- \to \pi^0\pi^-,$ $D^{*+} \to \pi^+D^0, \bar{D}^{*-} \to \pi^-\bar{D}^0, D^0 \to K_S\eta', \bar{D}^0 \to \pi^-K^+, K_S \to \pi^0\pi^0, \eta' \to \pi^0\pi^0\eta,$ $\eta \to \gamma\gamma$ $(e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	183	183	1	184
185	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \pi^0\omega D^-\bar{\Delta}^-\Delta^0, \bar{D}^{*-} \to \pi^-\bar{D}^0, \omega \to \pi^0\pi^+\pi^-,$ $D^- \to e^-\bar{\nu}_e K^0, \bar{\Delta}^- \to \pi^+\bar{n}, \Delta^0 \to \pi^0 n, \bar{D}^0 \to \pi^0K_S, K^0 \to K_S, K_S \to \pi^0\pi^0,$ $K_S \to \pi^0\pi^0$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	184	184	1	185
186	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e\bar{D}^{*-}, \bar{B}^0 \to \omega\bar{K}^0K^*\bar{K}^*, \bar{D}^{*-} \to \pi^0D^-, \omega \to \pi^0\pi^+\pi^-,$ $\bar{K}^0 \to K_L, K^* \to \pi^-K^+, \bar{K}^* \to \pi^0\bar{K}^0, D^- \to \pi^0\pi^-K^*, \bar{K}^0 \to K_L, K^* \to \pi^-K^+$ $(e^+e^- \to e^+\nu_e K_L K_L\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	185	185	1	186
187	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \mu^+\nu_\mu D_2^{*-}, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, D_2^{*-} \to \pi^-\bar{D}^{*0}, D^{*+} \to \pi^0D^+,$ $\bar{D}^{*0} \to \bar{D}^0\gamma, D^+ \to \mu^+\nu_\mu\bar{K}^0, \bar{D}^0 \to \rho^-K^{*+}, \bar{K}^0 \to K_L, \rho^- \to \pi^0\pi^-, K^{*+} \to \pi^+K^0,$ $K^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to \mu^+\mu^+\mu^-\nu_\mu\nu_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma)$	186	186	1	187
188	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^-\rho^+\rho^-\bar{D}^0, \bar{B}^0 \to \mu^-\bar{\nu}_\mu D^{*+}, \rho^+ \to \pi^0\pi^+, \rho^- \to \pi^0\pi^-,$ $\bar{D}^0 \to K^+a_1^-, D^{*+} \to \pi^+D^0, a_1^- \to \rho^0\pi^-, D^0 \to e^+\nu_e\pi^0K^-, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	187	187	1	188
189	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \bar{D}^{*-}D_{s1}'^+, \bar{B}^0 \to e^-\bar{\nu}_e D_2^{*+}, \bar{D}^{*-} \to \pi^-\bar{D}^0, D_{s1}'^+ \to \pi^0D_s^{*+},$ $D_2^{*+} \to \pi^+D^{*0}, \bar{D}^0 \to \pi^0\pi^-K^+, D_s^{*+} \to D_s^+\gamma, D^{*0} \to \pi^0D^0, D_s^+ \to \bar{K}^*K^{*+}, D^0 \to K_L\eta',$ $\bar{K}^* \to \pi^+K^-, K^{*+} \to \pi^+K^0, \eta' \to \pi^+\pi^-\eta, K^0 \to K_L, \eta \to \gamma\gamma$ $(e^+e^- \to e^-\bar{\nu}_e K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	188	188	1	189
190	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\eta\eta\bar{D}^{*-}, \bar{B}^0 \to \pi^0\pi^+\eta K^{*-}, \rho^+ \to \pi^0\pi^+, \eta \to \pi^0\pi^0\pi^0,$ $\eta \to \pi^0\pi^0\pi^0, \bar{D}^{*-} \to \pi^-\bar{D}^0, \eta \to \pi^0\pi^0\pi^0, K^{*-} \to \pi^0K^-, \bar{D}^0 \to \pi^+\pi^-K^*, K^* \to \pi^0K^0,$ $K^0 \to K_L$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^-\pi^-K^-\gamma)$	189	189	1	190

index	event tree (event initial-final states)	iEvtTr	iEvtIFSts	nEvts	nCmltEvts
191	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\Delta^+\bar{\Sigma}_c^{*--}, \bar{B}^0 \to \rho^0\pi^-\pi^-\rho^+\bar{K}^*D^{*+}, \Delta^+ \to \pi^0 p, \bar{\Sigma}_c^{*--} \to \pi^-\bar{\Lambda}_c^-,$ $\rho^0 \to \pi^+\pi^-, \rho^+ \to \pi^0\pi^+, \bar{K}^* \to \pi^0\bar{K}^0, D^{*+} \to \pi^+D^0, \bar{\Lambda}_c^- \to K^+\bar{\Delta}^{++}, \bar{K}^0 \to K_L,$ $D^0 \to e^+\nu_e\pi^-\bar{K}^0, \bar{\Delta}^{++} \to \pi^-\bar{p}, \bar{K}^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma)$	190	190	1	191
192	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to \rho^0\rho^-D^{*+}, D^- \to e^-\bar{\nu}_e K^0, \rho^0 \to \pi^+\pi^-,$ $\rho^- \to \pi^0\pi^-, D^{*+} \to \pi^+D^0, K^0 \to K_L, D^0 \to \pi^+\eta K^-, \eta \to \pi^0\pi^0\pi^0$ $(e^+e^- \to e^+e^-\nu_e\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	191	191	1	192
193	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^+\bar{D}^{*-}, \bar{B}^0 \to \rho^0\pi^-K^0\bar{K}^*D^+, \rho^+ \to \pi^0\pi^+, \bar{D}^{*-} \to \pi^-\bar{D}^0,$ $\rho^0 \to \pi^+\pi^-, K^0 \to K_S, \bar{K}^* \to \pi^+K^-, D^+ \to K_L a_1^+, \bar{D}^0 \to \pi^0 K_L\eta, K_S \to \pi^+\pi^-,$ $a_1^+ \to \rho^0\pi^+, \eta \to \pi^0\pi^+\pi^-, \rho^0 \to \pi^+\pi^-$ $(e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma)$	192	192	1	193
194	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to e^+\nu_e D^-, \bar{B}^0 \to K^{*-}D^{*+}\bar{D}^0, D^- \to K^*K^-, K^{*-} \to \pi^-\bar{K}^0,$ $D^{*+} \to \pi^+D^0, \bar{D}^0 \to \pi^0\pi^-K^+, K^* \to \pi^-K^+, \bar{K}^0 \to K_L, D^0 \to \pi^+\pi^-, K_L \to \pi^0\pi^0\pi^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma)$	193	193	1	194
195	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to J/\psi K_1^0, \bar{B}^0 \to \pi^0 D^+D_s^{*-}, J/\psi \to \pi^0\eta\eta, K_1^0 \to \pi^+\pi^-K^0,$ $D^+ \to e^+\nu_e\bar{K}^0, D_s^{*-} \to D_s^-\gamma, \eta \to \gamma\gamma, \eta \to \gamma\gamma, K^0 \to K_S, \bar{K}^0 \to K_S,$ $D_s^- \to \rho^-\eta, K_S \to \pi^0\pi^0, K_S \to \pi^+\pi^-, \rho^- \to \pi^0\pi^-, \eta \to \pi^0\pi^0\pi^0$ $(e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	194	194	1	195
196	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to K^*D^+D^-, B^0 \to \bar{D}^{*-}\bar{\Delta}^-\Delta^0, K^* \to \pi^0 K^0, D^+ \to \pi^+\bar{K}_1^{'0},$ $D^- \to e^-\bar{\nu}_e K_2^{*0}, \bar{D}^{*-} \to \pi^-\bar{D}^0, \bar{\Delta}^- \to \pi^+\bar{n}, \Delta^0 \to \pi^0 n, K^0 \to K_L, \bar{K}_1^{'0} \to \pi^+K^{*-},$ $K_2^{*0} \to \pi^0 K^0, \bar{D}^0 \to e^-\bar{\nu}_e\pi^+K^0, K^{*-} \to \pi^0 K^-, K^0 \to K_S, K^0 \to K_L, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^-n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	195	195	1	196
197	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^0\pi^-\eta\bar{D}^{*0}D_s^{*+}, \bar{B}^0 \to D^{*0}\Delta^0\bar{\Delta}^0, \eta \to \gamma\gamma, \bar{D}^{*0} \to \bar{D}^0\gamma,$ $D_s^{*+} \to D_s^+\gamma, D^{*0} \to \pi^0 D^0, \Delta^0 \to \pi^0 n, \bar{\Delta}^0 \to \pi^0\bar{n}, \bar{D}^0 \to \pi^0\pi^-K^+, D_s^+ \to \mu^+\nu_\mu,$ $D^0 \to e^+\nu_e\pi^-\bar{K}^0, \pi^0 \to e^+e^-, \bar{K}^0 \to K_S, K_S \to \pi^0\pi^0$ $(e^+e^- \to e^+e^+e^-\nu_e\mu^+\nu_\mu\pi^-\pi^-\pi^-K^+n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	196	196	1	197
198	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \rho^0\pi^+\omega\bar{D}^{*-}, \bar{B}^0 \to D^0 n\bar{n}, \rho^0 \to \pi^+\pi^-, \omega \to \pi^0\pi^+\pi^-,$ $\bar{D}^{*-} \to \pi^-\bar{D}^0, D^0 \to K_L\eta, \bar{D}^0 \to \pi^0\pi^-K^+, \eta \to \gamma\gamma$ $(e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+n\bar{n}\gamma\gamma\gamma\gamma\gamma)$	197	197	1	198
199	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0 B^0, B^0 \to \mu^+\nu_\mu\bar{D}^{*-}, B^0 \to \rho^0\pi^+\pi^-\rho^+\omega\bar{D}^{*-}, \bar{D}^{*-} \to \pi^0 D^-, \rho^0 \to \pi^+\pi^-,$ $\rho^+ \to \pi^0\pi^+, \omega \to \pi^0\pi^+\pi^-, \bar{D}^{*-} \to \pi^0 D^-, D^- \to e^-\bar{\nu}_e\pi^-K^+, D^- \to \pi^0\pi^-K^*, K^* \to \pi^-K^+$ $(e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma)$	198	198	1	199
200	$e^+e^- \to \Upsilon(4S), \Upsilon(4S) \to B^0\bar{B}^0, B^0 \to \pi^+\pi^+\pi^+\pi^-\pi^-D^-, \bar{B}^0 \to e^-\bar{\nu}_e\pi^+D^0, D^- \to \mu^-\bar{\nu}_\mu K_1^0, D^0 \to \pi^+\pi^-K_S,$ $K_1^0 \to \pi^+\pi^-K^0, K_S \to \pi^+\pi^-, K^0 \to K_S, K_S \to \pi^+\pi^-$ $(e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-)$	199	199	1	200

22

Table 2: Event initial-final states.

index	event initial-final states	iEvtIFSts	nEvts	nCmltEvts
1	$e^+e^- \rightarrow e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma$	0	1	1
2	$e^+e^- \rightarrow e^+e^-\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma$	1	1	2
3	$e^+e^- \rightarrow e^+\nu_e K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	2	1	3
4	$e^+e^- \rightarrow e^+e^+e^-\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma$	3	1	4
5	$e^+e^- \rightarrow e^+\nu_e K_L\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	4	1	5
6	$e^+e^- \rightarrow e^+e^+\nu_e\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma$	5	1	6
7	$e^+e^- \rightarrow \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	6	1	7
8	$e^+e^- \rightarrow e^+\nu_e\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	7	1	8
9	$e^+e^- \rightarrow \mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	8	1	9
10	$e^+e^- \rightarrow \mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	9	1	10
11	$e^+e^- \rightarrow \mu^+\mu^+\nu_\mu\nu_\mu K_L K_L\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma$	10	1	11
12	$e^+e^- \rightarrow e^+e^-\mu^-\bar{\nu}_\mu\nu_\tau\bar{\nu}_\tau\pi^+\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	11	1	12
13	$e^+e^- \rightarrow \mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	12	1	13
14	$e^+e^- \rightarrow \mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	13	1	14
15	$e^+e^- \rightarrow \pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	14	1	15
16	$e^+e^- \rightarrow e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	15	1	16
17	$e^+e^- \rightarrow e^+\nu_e\mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	16	1	17
18	$e^+e^- \rightarrow \mu^+\nu_\mu K_L K_L\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	17	1	18
19	$e^+e^- \rightarrow e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	18	1	19
20	$e^+e^- \rightarrow \mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	19	1	20
21	$e^+e^- \rightarrow \mu^-\bar{\nu}_\mu K_L K_L\pi^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	20	1	21
22	$e^+e^- \rightarrow e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-f_0(600)\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	21	1	22
23	$e^+e^- \rightarrow \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma$	22	1	23
24	$e^+e^- \rightarrow K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	23	1	24
25	$e^+e^- \rightarrow e^+e^+e^-\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	24	1	25
26	$e^+e^- \rightarrow e^+\nu_e K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	25	1	26
27	$e^+e^- \rightarrow e^+\nu_e\mu^+\nu_\mu\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma$	26	1	27
28	$e^+e^- \rightarrow \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma$	27	1	28
29	$e^+e^- \rightarrow e^+\nu_e\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma$	28	1	29
30	$e^+e^- \rightarrow K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	29	1	30
31	$e^+e^- \rightarrow \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma$	30	1	31
32	$e^+e^- \rightarrow e^+e^+e^-\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	31	1	32

index	event initial-final states	iEvtIFSts	nEvts	nCmltEvts
33	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	32	1	33
34	$e^+e^- \to \mu^-\bar{\nu}_\mu\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	33	1	34
35	$e^+e^- \to \mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^- K^+K^-K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma$	34	1	35
36	$e^+e^- \to e^-\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^-\pi^- K^+ n\bar{p}\gamma\gamma$	35	1	36
37	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	36	1	37
38	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	37	1	38
39	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu K_L\pi^+\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	38	1	39
40	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	39	1	40
41	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+ K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	40	1	41
42	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+K^-\gamma\gamma\gamma\gamma\gamma$	41	1	42
43	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^-K^- n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	42	1	43
44	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	43	1	44
45	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma$	44	1	45
46	$e^+e^- \to e^+e^-\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	45	1	46
47	$e^+e^- \to K_LK_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	46	1	47
48	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma$	47	1	48
49	$e^+e^- \to e^+\nu_e\mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	48	1	49
50	$e^+e^- \to e^+e^-\mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	49	1	50
51	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+ f_0(600)\gamma\gamma$	50	1	51
52	$e^+e^- \to e^-\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma$	51	1	52
53	$e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	52	1	53
54	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	53	1	54
55	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	54	1	55
56	$e^+e^- \to \mu^+\mu^-\nu_\mu\nu_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^- K^- n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	55	1	56
57	$e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	56	1	57
58	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	57	1	58
59	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^- n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	58	1	59
60	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	59	1	60
61	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	60	1	61
62	$e^+e^- \to e^+\nu_e K_LK_L\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^+ f_0(600)\gamma\gamma\gamma\gamma$	61	1	62
63	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+ p\bar{p}\gamma\gamma\gamma\gamma$	62	1	63
64	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	63	1	64

index	event initial-final states	iEvtIFSts	nEvts	nCmltEvts
65	$e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma$	64	1	65
66	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^-p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	65	1	66
67	$e^+e^- \to \mu^+\nu_\mu\nu_\tau\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma$	66	1	67
68	$e^+e^- \to K_LK_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	67	1	68
69	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma$	68	1	69
70	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma$	69	1	70
71	$e^+e^- \to e^+\nu_e K_LK_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma$	70	1	71
72	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	71	1	72
73	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^+K^-n\bar{p}\gamma\gamma\gamma\gamma$	72	1	73
74	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e K_L\pi^+\pi^+\pi^-\pi^-\pi^-K^-\bar{n}pf_0(600)\gamma\gamma$	73	1	74
75	$e^+e^- \to \mu^+\nu_\mu K_LK_L\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	74	1	75
76	$e^+e^- \to \mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	75	1	76
77	$e^+e^- \to K_LK_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	76	1	77
78	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K_S\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	77	1	78
79	$e^+e^- \to e^+e^+e^-\nu_e\nu_e\bar{\nu}_e\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma$	78	1	79
80	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	79	1	80
81	$e^+e^- \to \mu^+\nu_\mu\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	80	1	81
82	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma$	81	1	82
83	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	82	1	83
84	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	83	1	84
85	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	84	1	85
86	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	85	1	86
87	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma$	86	1	87
88	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma$	87	1	88
89	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-p\bar{p}\gamma\gamma$	88	1	89
90	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^-\pi^-\pi^-\pi^-K^+\bar{n}pf_0(600)\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	89	1	90
91	$e^+e^- \to \mu^-\mu^-\bar{\nu}_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma$	90	1	91
92	$e^+e^- \to e^+e^+e^-e^-\pi^+\pi^+\pi^-K^+K^-n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	91	1	92
93	$e^+e^- \to \mu^+\mu^-\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-f_0(600)\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	92	1	93
94	$e^+e^- \to K_LK_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+f_0(600)\gamma\gamma$	93	1	94
95	$e^+e^- \to e^+e^-\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma$	94	1	95
96	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-K^+K^-f_0(600)\gamma\gamma$	95	1	96

index	event initial-final states	iEvtIFSts	nEvts	nCmltEvts
97	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma$	96	1	97
98	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	97	1	98
99	$e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	98	1	99
100	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	99	1	100
101	$e^+e^- \to e^+e^+e^-\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	100	1	101
102	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	101	1	102
103	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	102	1	103
104	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	103	1	104
105	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	104	1	105
106	$e^+e^- \to e^-\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	105	1	106
107	$e^+e^- \to e^+e^-\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma$	106	1	107
108	$e^+e^- \to e^+e^-\mu^-\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma$	107	1	108
109	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma$	108	1	109
110	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	109	1	110
111	$e^+e^- \to \mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	110	1	111
112	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	111	1	112
113	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+n\bar{n}\gamma\gamma\gamma\gamma\gamma$	112	1	113
114	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	113	1	114
115	$e^+e^- \to e^-\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	114	1	115
116	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	115	1	116
117	$e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	116	1	117
118	$e^+e^- \to e^+\nu_e\pi^+\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	117	1	118
119	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	118	1	119
120	$e^+e^- \to \mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-\gamma\gamma$	119	1	120
121	$e^+e^- \to e^-\bar{\nu}_e\mu^-\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-K^-\gamma\gamma\gamma\gamma$	120	1	121
122	$e^+e^- \to \mu^+\nu_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma$	121	1	122
123	$e^+e^- \to e^-e^-\bar{\nu}_e\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^-K^+K^-\gamma\gamma\gamma\gamma$	122	1	123
124	$e^+e^- \to e^-\bar{\nu}_e\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	123	1	124
125	$e^+e^- \to e^+e^-\mu^-\bar{\nu}_\mu K_L K_L\pi^+\pi^+\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	124	1	125
126	$e^+e^- \to e^+\nu_e\mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	125	1	126
127	$e^+e^- \to e^+e^-\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	126	1	127
128	$e^+e^- \to e^+e^-e^-\nu_e\bar{\nu}_e\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^+\pi^-K^-K^-\gamma\gamma\gamma\gamma$	127	1	128

index	event initial-final states	iEvtIFSts	nEvts	nCmltEvts
129	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\nu_\tau\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma$	128	1	129
130	$e^+e^- \to e^+e^-e^-\nu_e\nu_e\bar{\nu}_e\pi^+\pi^+\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	129	1	130
131	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	130	1	131
132	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^-K^-\gamma\gamma\gamma\gamma$	131	1	132
133	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+K^+K^-\gamma\gamma\gamma$	132	1	133
134	$e^+e^- \to \nu_\tau\bar{\nu}_\tau K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	133	1	134
135	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	134	1	135
136	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^-f_0(600)\gamma\gamma\gamma\gamma$	135	1	136
137	$e^+e^- \to e^+e^-K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	136	1	137
138	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-K^+K^-n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	137	1	138
139	$e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-p\bar{p}\gamma\gamma\gamma\gamma$	138	1	139
140	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	139	1	140
141	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma$	140	1	141
142	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^+K^-K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	141	1	142
143	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-K^+K^-K^-K^-n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	142	1	143
144	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	143	1	144
145	$e^+e^- \to e^-\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma$	144	1	145
146	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-K^-\gamma\gamma\gamma\gamma\gamma$	145	1	146
147	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-\gamma\gamma\gamma\gamma\gamma\gamma$	146	1	147
148	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^-K^-\gamma\gamma\gamma\gamma\gamma$	147	1	148
149	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	148	1	149
150	$e^+e^- \to \mu^+\nu_\mu\nu_\tau\bar{\nu}_\tau K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	149	1	150
151	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma$	150	1	151
152	$e^+e^- \to e^-\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+n\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	151	1	152
153	$e^+e^- \to e^-\bar{\nu}_e\mu^-\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	152	1	153
154	$e^+e^- \to \pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^+K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	153	1	154
155	$e^+e^- \to e^-\bar{\nu}_e\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	154	1	155
156	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	155	1	156
157	$e^+e^- \to e^+e^+\nu_e\nu_e\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	156	1	157
158	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	157	1	158
159	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-K^+f_0(600)\gamma\gamma\gamma\gamma\gamma$	158	1	159
160	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	159	1	160

index	event initial-final states	iEvtIFSts	nEvts	nCmltEvts
161	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^+K^- f_0(600)\gamma\gamma$	160	1	161
162	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^- K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	161	1	162
163	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	162	1	163
164	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+K^- p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	163	1	164
165	$e^+e^- \to e^+\nu_e\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	164	1	165
166	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^- K^- n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma$	165	1	166
167	$e^+e^- \to e^+e^-\nu_\tau\bar{\nu}_\tau\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma$	166	1	167
168	$e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma$	167	1	168
169	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	168	1	169
170	$e^+e^- \to \mu^+\mu^-\nu_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^+\gamma\gamma\gamma\gamma\gamma$	169	1	170
171	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	170	1	171
172	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	171	1	172
173	$e^+e^- \to \pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	172	1	173
174	$e^+e^- \to \mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	173	1	174
175	$e^+e^- \to K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^-K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	174	1	175
176	$e^+e^- \to \nu_\tau\bar{\nu}_\tau\pi^+\pi^+\pi^-\pi^-\pi^- K^+K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	175	1	176
177	$e^+e^- \to e^-\bar{\nu}_e K_L K_L K_L\pi^+\pi^+\pi^- K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma$	176	1	177
178	$e^+e^- \to K_L\pi^+\pi^- K^+K^-K^-\bar{n}p\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	177	1	178
179	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^- K^-K^- n\bar{n}\gamma\gamma$	178	1	179
180	$e^+e^- \to e^+\nu_e\mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	179	1	180
181	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^- p\bar{p}\gamma\gamma\gamma\gamma\gamma\gamma$	180	1	181
182	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	181	1	182
183	$e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^-K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	182	1	183
184	$e^+e^- \to \mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	183	1	184
185	$e^+e^- \to e^-\bar{\nu}_e\mu^+\nu_\mu\pi^+\pi^+\pi^-\pi^- n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	184	1	185
186	$e^+e^- \to e^+\nu_e K_L K_L\pi^+\pi^-\pi^-\pi^-\pi^-\pi^- K^+K^+\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	185	1	186
187	$e^+e^- \to \mu^+\mu^+\mu^-\nu_\mu\nu_\mu\bar{\nu}_\mu K_L\pi^+\pi^+\pi^-\pi^-\pi^-\gamma\gamma\gamma\gamma\gamma$	186	1	187
188	$e^+e^- \to e^+\nu_e\mu^-\bar{\nu}_\mu\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma$	187	1	188
189	$e^+e^- \to e^-\bar{\nu}_e K_L K_L\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^- K^+K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	188	1	189
190	$e^+e^- \to K_L\pi^+\pi^+\pi^+\pi^-\pi^-\pi^- K^-\gamma$	189	1	190
191	$e^+e^- \to e^+\nu_e K_L\pi^+\pi^+\pi^+\pi^+\pi^+\pi^-\pi^-\pi^-\pi^-\pi^-\pi^-\pi^- K^+ p\bar{p}\gamma\gamma\gamma\gamma\gamma$	190	1	191
192	$e^+e^- \to e^+e^-\nu_e\bar{\nu}_e K_L\pi^+\pi^+\pi^+\pi^-\pi^- K^-\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	191	1	192

index	event initial-final states	iEvtIFSts	nEvts	nCmltEvts
193	$e^+e^- \rightarrow K_L K_L \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- K^- \gamma\gamma\gamma\gamma\gamma\gamma$	192	1	193
194	$e^+e^- \rightarrow e^+ \nu_e \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- K^+ K^+ K^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	193	1	194
195	$e^+e^- \rightarrow e^+ \nu_e \pi^+ \pi^+ \pi^- \pi^- \pi^- \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	194	1	195
196	$e^+e^- \rightarrow e^- e^- \bar{\nu}_e \bar{\nu}_e K_L K_L \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- K^- n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	195	1	196
197	$e^+e^- \rightarrow e^+ e^+ e^- \nu_e \mu^+ \nu_\mu \pi^- \pi^- \pi^- K^+ n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	196	1	197
198	$e^+e^- \rightarrow K_L \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- K^+ n\bar{n}\gamma\gamma\gamma\gamma\gamma\gamma$	197	1	198
199	$e^+e^- \rightarrow e^- \bar{\nu}_e \mu^+ \nu_\mu \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- \pi^- K^+ K^+ \gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma\gamma$	198	1	199
200	$e^+e^- \rightarrow e^- \bar{\nu}_e \mu^- \bar{\nu}_\mu \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^+ \pi^- \pi^- \pi^- \pi^- \pi^- \pi^-$	199	1	200

Table 3: Signal particles.

index	signal particle	iSigP	nPs	nCmltPs
1	J/ψ	0	8	8
2	ψ'	1	1	9