Table 1: Component and corresponding size, assume luminosity = 3195/pb.

Component	cross section (pb)	Size(M)	directory
D^0D^0	179	0.5719	D0D0
D^+D^-	197	0.6294	DpDm
$D^{*0}D^0$	1211	3.8691	DST0D0
$D^{*+}D^-$	1296	4.1407	DSTpDm
$D^{*0}D^{*0}$	2173	6.9427	DST0DST0
$D^{*+}D^{*-}$	2145	6.8533	DSTpDSTm
$D_s^+D_s^-$	7	0.0225	DsDs
$D_s^{*+}D_s^-$	961	3.0700	DsSTDs
$DD^*\pi^+$	383	1.2237	DDSTPIp
$DD^*\pi^0$	192	0.6134	DDSTPI0
$DD\pi^+$	50	0.1598	DDPIp
$DD\pi^0$	25	0.0799	DDPI0
Component	cross section (nb)	Size(M)	
$q\bar{q}$	13.8	44.0910	qq
$\gamma J/\psi$	0.40	1.2780	RR1S
$\gamma\psi(2S)$	0.42	1.3419	RR2S
$\gamma\psi(3770)$	0.06	0.1917	RR3770
$\tau\tau$	3.45	11.0228	tt
$\mu\mu$	5.24	16.7418	mm
ee	423.99	13.5465(0.01×)	ee
$\gamma\gamma$	1.7	5.4315	TwoGam
HCT	0.10178	0.3252	HCT

Table 2: Component and corresponding observed cross section (output from ConExc) for charmonium hadronic transition (HCT) processes.

Mode index	Final state	Observed cross section @ 4180 MeV (nb)	Referee of input line shape
79	$\pi^0\pi^0\psi(2S)$	0.00342491	BELLE PRL99, 142002 (2007)
91	$\pi^+\pi^-\psi(2S)$	0.00684981	BELLE PRL99, 142002 (2007)
80	$\eta J/\psi$	0.0321958	BELLE PRD87, 051101(R) (2013)
81	$\pi^+\pi^-h_c$	0.0122136	BESIII PRL111,242001 (2013)
82	$\pi^0\pi^0h_c$	0.00610681	BESIII PRL111,242001 (2013)
83	K^+K^-J/ψ	0.000671349	BELLE PRD77, 011105(R) (2008)
84	$K_S^0K_S^0J/\psi$	0.000167837	BELLE PRD77, 011105(R) (2008)
90	$\pi^+\pi^-J/\psi$	0.026767	BELLE PRL99, 182004 (2007)
99	$\pi^0\pi^0J/\psi$	0.0133835	BELLE PRL99, 182004 (2007)
sum		0.101780616	