

Mode	σ_{gg} [nb]	Yield [SPS]	σ_{DPS} [nb]	Yield [DPS]
J/ψ J/ψ	7.2	270 000	11	430 000
J/ψ $\psi(2S)$	3.2	14 000	4.0	19 000
$\psi(2S)$ $\psi(2S)$	0.4	180	0.6	300
J/ψ χ_{c0}	-	-	4.3	200
J/ψ χ_{c1}	-	-	6.6	14 000
J/ψ χ_{c2}	-	-	8.6	11 000
J/ψ 1S	0.0036	360	0.27	20 000
J/ψ 2S	0.0011	90	0.07	5300
J/ψ 3S	0.0005	50	0.035	2000
1S 1S	0.014	1100	0.0027	200