

| | $J/\psi J/\psi$ | $J/\psi \psi(2S)$ | $\psi(2S)\psi(2S)$ | $\chi_{c0}\chi_{c0}$ | $\chi_{c1}\chi_{c1}$ | $\chi_{c2}\chi_{c2}$ |
|--|---------------------|-------------------|--------------------|----------------------|----------------------|----------------------|
| $N_{M_1 M_2}$ | 37 | 5 | 0 | 1 | 0 | 0 |
| N_{bkg} | 3.2 ± 2.0 | 0.07 ± 0.02 | < 0.01 | 0.8 ± 0.8 | 0.2 ± 0.2 | 0.1 ± 0.1 |
| A | 0.35 ± 0.03 | 0.36 ± 0.03 | 0.36 ± 0.03 | 0.29 ± 0.03 | 0.29 ± 0.03 | 0.29 ± 0.03 |
| ϵ | 0.80 ± 0.04 | 0.80 ± 0.04 | 0.80 ± 0.04 | 0.58 ± 0.06 | 0.66 ± 0.05 | 0.69 ± 0.05 |
| $f_{\text{single}} L [\text{pb}^{-1}]$ | 596 ± 21 | | | | | |
| $\mathcal{B}(J/\psi \rightarrow \mu\mu)$ | 0.0593 ± 0.0006 | | | | | |
| $\mathcal{B}(\psi(2S) \rightarrow \mu\mu)$ | 0.0077 ± 0.0008 | | | | | |
| $\mathcal{B}(\chi_{c0} \rightarrow J/\psi \gamma)$ | 0.0117 ± 0.0008 | | | | | |
| $\mathcal{B}(\chi_{c1} \rightarrow J/\psi \gamma)$ | 0.344 ± 0.015 | | | | | |
| $\mathcal{B}(\chi_{c2} \rightarrow J/\psi \gamma)$ | 0.195 ± 0.008 | | | | | |