| $\begin{gathered} \text { Source } \\ {[\mathrm{MeV}, \mathrm{MeV}]} \\ \hline \end{gathered}$ | $\begin{gathered} c(3000)^{0} \\ {[m, \Gamma]} \end{gathered}$ | $\begin{gathered} c^{c}(3050)^{0} \\ {[m, \Gamma]} \end{gathered}$ | $\begin{gathered} c^{c}(3065)^{0} \\ {[m, \Gamma]} \end{gathered}$ | $\begin{gathered} c(3090)^{0} \\ {[m, \Gamma]} \end{gathered}$ | $\begin{gathered} (3119)^{0} \\ {[m, \Gamma]} \end{gathered}$ | $\begin{gathered} c(3185)^{0} \\ {[m, \Gamma]} \\ \hline \end{gathered}$ | $\begin{gathered} c^{(3327)^{0}} \\ {[m, \Gamma]} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Threshold structure | $\left[{ }_{-0.07}^{+0.01},{ }_{-0.19}^{+1.23}\right]$ | $\left[{ }_{-0.01}^{+0.00},{ }_{-0.17}^{+0.00}\right]$ | $\left[{ }_{-0.00}^{+0.01},{ }_{-0.11}^{+0.00}\right]$ | $\left[{ }_{-0.00}^{+0.01},{ }_{-0.20}^{+0.12}\right]$ | $\left[{ }_{-0.00}^{+0.06},{ }_{-0.16}^{+0.00}\right]$ | $\left[{ }_{-0.57}^{+0.32},{ }_{-0.83}^{+8.05}\right]$ | $\left[{ }_{-0.15}^{+0.01},{ }_{-0.04}^{+1.71}\right]$ |
| feed down from ${ }_{c}^{0}(3327)$ | $\left[{ }_{-0.00}^{+0.04},{ }_{-0.00}^{+0.04}\right]$ | $\left[{ }_{-0.00}^{+0.00},{ }_{-0.01}^{+0.00}\right]$ | $\left[{ }_{-0.00}^{+0.01},{ }_{-0.00}^{+0.03}\right]$ | $\left[{ }_{-0.00}^{+0.01},{ }_{-0.00}^{+0.22}\right]$ | $\left[{ }_{-0.00}^{+0.01},{ }_{-0.00}^{+0.07}\right]$ | $\left[{ }_{-0.00}^{+4.28},{ }_{-10.81}^{+0.00}\right]$ | $\left[{ }_{-0.20}^{+0.00},{ }_{-0.00}^{+0.98}\right]$ |
| Fit bias | $\left[{ }_{-0.00}^{+0.02},{ }_{-0.00}^{+0.01}\right]$ | $\left[{ }_{-0.00}^{+0.02},{ }_{-0.00}^{+0.12}\right]$ | $\left[{ }_{-0.00}^{+0.00},{ }_{-0.00}^{+0.08}\right]$ | $\left[{ }_{-0.00}^{+0.01},{ }_{-0.00}^{+0.20}\right]$ | $\left[{ }_{-0.02}^{+0.00},{ }_{-0.00}^{+0.40}\right]$ | $\left[{ }_{-0.37}^{+0.00},{ }_{-0.00}^{+4.84}\right]$ | $\left[{ }_{-0.18}^{+0.00},{ }_{-0.70}^{+0.00}\right]$ |
| Spin and radius | $\left[{ }_{-0.01}^{+0.01},{ }_{-0.01}^{+0.01}\right]$ | $\left[{ }_{-0.01}^{+0.01},{ }_{-0.01}^{+0.01}\right]$ | $\left[{ }_{-0.01}^{+0.01},{ }_{-0.01}^{+0.02}\right]$ | $\left[{ }_{-0.01}^{+0.01},{ }_{-0.01}^{+0.05}\right]$ | $\left[{ }_{-0.01}^{+0.01},{ }_{-0.01}^{+0.06}\right]$ | $\left[{ }_{-0.18}^{+0.01},{ }_{-0.01}^{+0.56}\right]$ | $\left[{ }_{-0.02}^{+0.01},{ }_{-0.60}^{+0.01}\right]$ |
| Background | $\left[{ }_{-0.00}^{+0.04},{ }_{-0.00}^{+0.98}\right]$ | $\left[{ }_{-0.01}^{+0.00},{ }_{-0.18}^{+0.00}\right]$ | $\left[{ }_{-0.00}^{+0.00},{ }_{-0.29}^{+0.00}\right]$ | $\left[{ }_{-0.06}^{+0.00},{ }_{-1.58}^{+0.00}\right]$ | $\left[{ }_{-0.21}^{+0.00},{ }_{-0.60}^{+0.00}\right]$ | $\left[{ }_{-0.00}^{+5.98},{ }_{-16.2}^{+0.00}\right]$ | $\left[\begin{array}{ll}+0.00 \\ -1.24\end{array},{ }_{-0.00}^{+12.9}\right]$ |
| Bin size | $\left[{ }_{-0.10}^{+0.00},{ }_{-0.04}^{+0.06}\right]$ | $\left[{ }_{-0.01}^{+0.00},{ }_{-0.03}^{+0.40}\right]$ | $\left[{ }_{-0.03}^{+0.02},{ }_{-0.07}^{+0.08}\right]$ | $\left[{ }_{-0.05}^{+0.01},{ }_{-0.09}^{+0.37}\right]$ | $\left[{ }_{-0.06}^{+0.00},{ }_{-0.60}^{+0.00}\right]$ | $\left[{ }_{-0.48}^{+0.14},{ }_{-0.50}^{+2.75}\right]$ | $\left[{ }_{-0.00}^{+0.07},{ }_{-0.00}^{+1.16}\right]$ |
| Momentum calibration | [ $\pm 0.01,-]$ | 0.03, - ] | -0.03, - ] | -0.04, - ] | 0.05, - | [ $\pm 0.07$, - | $\pm 0.11$, - |
| Energy loss | [ $\pm 0.04,-]$ | [ $\pm 0.04,-]$ | [ $\pm 0.04,-]$ | [ $\pm 0.04,-]$ | [ $\pm 0.04,-]$ | [ $\pm 0.04,-]$ | [ $\pm 0.04$, - |
| Simulation/Data difference | $\left[{ }_{-0.01}^{+0.00},{ }_{-0.22}^{+0.20}\right]$ | $\left[{ }_{-0.04}^{+0.01},{ }_{-0.67}^{+0.48}\right]$ | $\left[{ }_{-0.00}^{+0.01},{ }_{-0.35}^{+0.36}\right]$ | $\left[{ }_{-0.02}^{+0.00},{ }_{-0.29}^{+0.36}\right]$ | $\left[{ }_{-0.00}^{+0.03},{ }_{-0.59}^{+0.80}\right]$ | $\left[{ }_{-0.34}^{+0.08},{ }_{-0.67}^{+2.58}\right]$ | $\left[{ }_{-0.05}^{+0.02},{ }_{-0.28}^{+0.27}\right]$ |
| Total | $\left[\begin{array}{l} +0.07 \\ { }_{-0.13}, 1.59 \\ -0.29 \end{array}\right]$ | $\left[\begin{array}{l} +0.06 \\ { }_{-0.07},+0.64 \\ -0.72 \end{array}\right]$ | $\left[\begin{array}{l} +0.06 \\ -0.06 \end{array}{ }_{-0.47}^{+0.38}\right]$ | $\left[\begin{array}{l} +0.06 \\ { }_{-0.10},{ }_{-1.62} \end{array}\right]$ | $\left[\begin{array}{l} +0.09 \\ { }_{-0.23},{ }_{-1.05}^{+0.90} \end{array}\right]$ | $\left[\begin{array}{l} +7.36 \\ { }_{-0.92},+10.1 \\ -19.5 \end{array}\right]$ | $\left[\begin{array}{l} +0.14,+13.1 \\ \left.{ }_{-1.28},{ }_{-0.96}\right] \end{array}\right.$ |

