

Source	m [MeV $^{\bar{b}}$]	\mathcal{R}	$c(3000)^0$ \mathcal{P}	$c(3050)^0$ \mathcal{P}	$c(3065)^0$ \mathcal{P}	$c(3090)^0$ \mathcal{P}
Alternative \bar{b} fit	< 0.1	0.05	< 0.01	< 0.01	< 0.01	< 0.01
Ξ_c^+ Dalitz weights	0.5	< 0.01	0.03	0.01	< 0.01	0.02
Momentum calibration	0.9	—	—	—	—	—
PID efficiency	0.2	0.01	< 0.01	0.02	0.01	0.03
\bar{b} kinematics	0.4	< 0.01	0.01	< 0.01	0.01	0.01
Alternative $\Xi_c^+ K^-$ fit	—	—	0.02	0.01	0.02	0.01
Efficiency map	—	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Background in $\Xi_c^+ K^-$	—	—	< 0.01	< 0.01	< 0.01	< 0.01
Total	1.1	0.05	0.04	0.02	0.02	0.04