

Source	Uncertainty (%)	Correction factor
Background fit model	0.7	—
Signal fit model	0.1	—
PID efficiency	0.3	—
Tracking efficiency calibration	0.8	0.985
Kinematic range of final-state tracks	0.7	—
Hadron interaction	4.4	—
$p_T$ , $y$ weighting	1.0	—
Trigger efficiency	2.9	—
Simulated sample size	1.3	—
Candidates with clone tracks and multiple candidates	0.2	—
Veto of the reflection background	0.4	—
$\Lambda_c^+$ Dalitz weighting	0.2	0.984
$\Lambda_c^+$ polarization	0.3	0.987
Resonant structures	1.8	1.041
Total	6.0	0.996