

Source	Uncertainty				
	$m(\Lambda_c(2860)^+)$ [MeV]	$\Gamma(\Lambda_c(2860)^+)$ [MeV]	$\Delta \ln \mathcal{L}$		
			$1/2^+$	$1/2^-$	$3/2^+$
Background fraction	0.22	0.54	2.3	1.1	1.8
Efficiency profile	0.20	0.61	0.5	0.8	0.4
Background shape	0.29	0.77	1.0	0.4	0.3
Momentum resolution	0.10	0.49	—	—	—
Mass scale	0.05	—	—	—	—
Fit procedure	0.17	0.67	—	—	—
$\Lambda_c(2880)^+$ parameters	0.02	0.22	0.7	0.4	0.5
Total systematic	0.46	1.41	2.7	1.4	2.0
Breit–Wigner model	+1.11/−1.65	+5.92/−8.02	0.2	0.0	0.2
Nonresonant model	+0.00/−5.35	+0.15/−18.29	2.4	0.1	0.5
— of which helicity formalism	+0.00/−1.23	+0.00/−5.67	1.6	0.1	0.0
Total model	+1.11/−5.59	+5.93/−19.97	2.9	0.2	0.5