

| 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 |