Source	$\Delta \ln \mathcal{L}$ uncertainty for $\Lambda_c(2940)^+$ J^P							
	No $\Lambda_c(2940)^+$	$1/2^+$	$1/2^-$	$3/2^+$	$5/2^+$	$5/2^-$	$7/2^+$	$7/2^-$
Background fraction	0.3	0.7	0.3	0.9	0.7	0.6	0.7	0.8
Efficiency profile	0.3	0.2	0.6	0.6	0.6	0.6	0.9	1.1
Background shape	3.6	3.4	3.3	2.6	1.4	2.0	2.4	4.0
Momentum resolution	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
$\Lambda_c(2880)^+$ parameters	0.2	0.2	0.9	0.2	0.3	0.1	0.5	0.4
Total systematic	3.6	3.5	3.4	2.8	1.7	2.2	2.6	4.2
Breit–Wigner model	2.1	1.2	1.9	1.6	2.3	0.4	1.4	1.4
Nonresonant model	3.7	2.4	0.4	1.5	1.0	1.9	1.4	0.1
Total model	4.3	2.7	1.9	2.1	2.5	1.9	2.0	1.4