

Source	Relative uncertainty (%)	
<i>Correlated between bins</i>	Forward	Backward
Invariant mass fit	0-12	0-14
$\log_{10} \chi_{\text{IP}}^2(\Lambda_c^+)$ fit	2-3	4-5
Efficiency	7-8	16-17
Luminosity	1.9	2.1
$\mathcal{B}(\Lambda_c^+ \rightarrow pK^- \pi^+)$	5.2	5.2
<i>Uncorrelated between bins</i>		
Simulation sample size	2-13	2-14
Statistical uncertainty	3-33	6-44