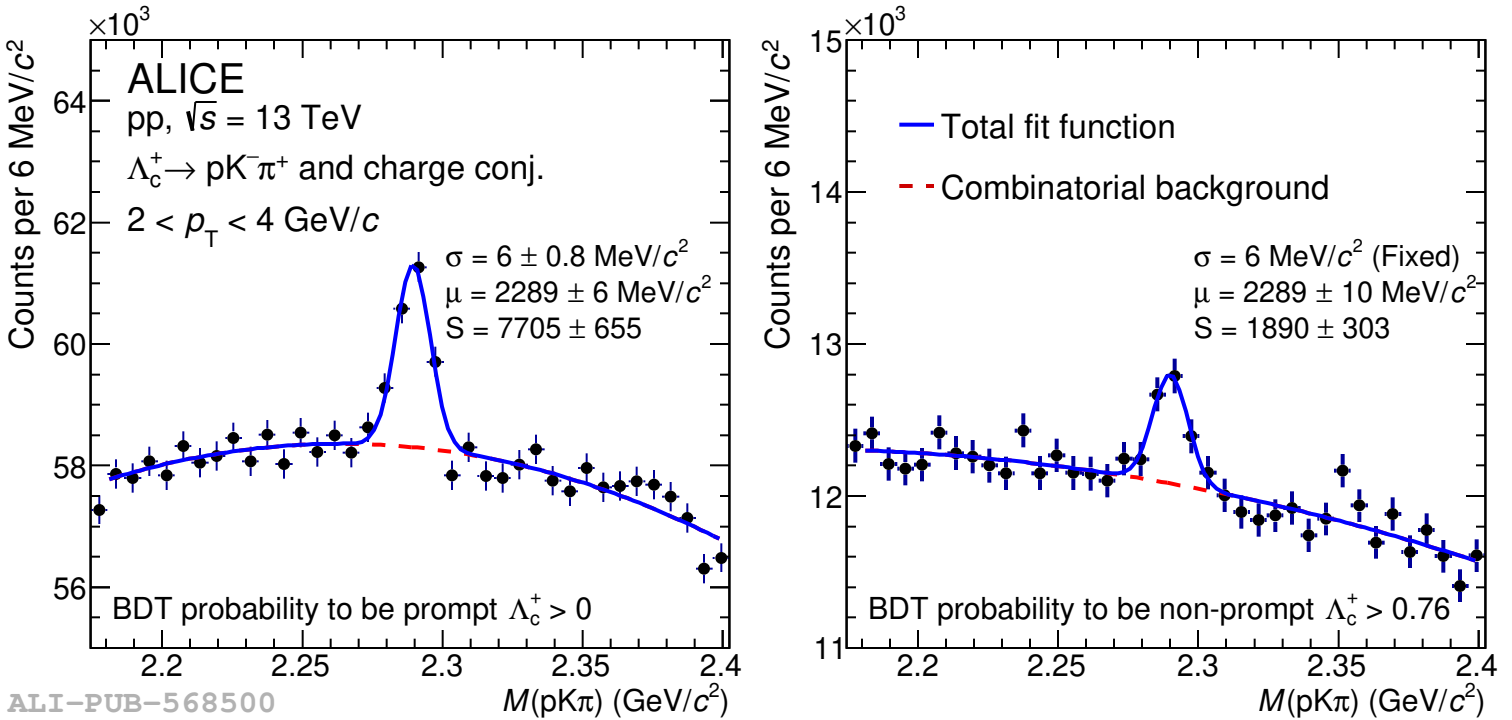
ALICE
pp, √s = 13 TeV
Λc+ → pK−π+ and charge conj.
2 < pT < 4 GeV/c
σ = 6 ± 0.8 MeV/c2
μ = 2289 ± 6 MeV/c2
S = 7705 ± 655
BDT probability to be prompt Λc+ > 0
Counts per 6 MeV/c2
×10^3
M(pKπ) (GeV/c2)
Total fit function
Combinatorial background
σ = 6 MeV/c2 (Fixed)
μ = 2289 ± 10 MeV/c2
S = 1890 ± 303
BDT probability to be non-prompt Λc+ > 0.76
ALI-PUB-568500

ALI-PUB-568500