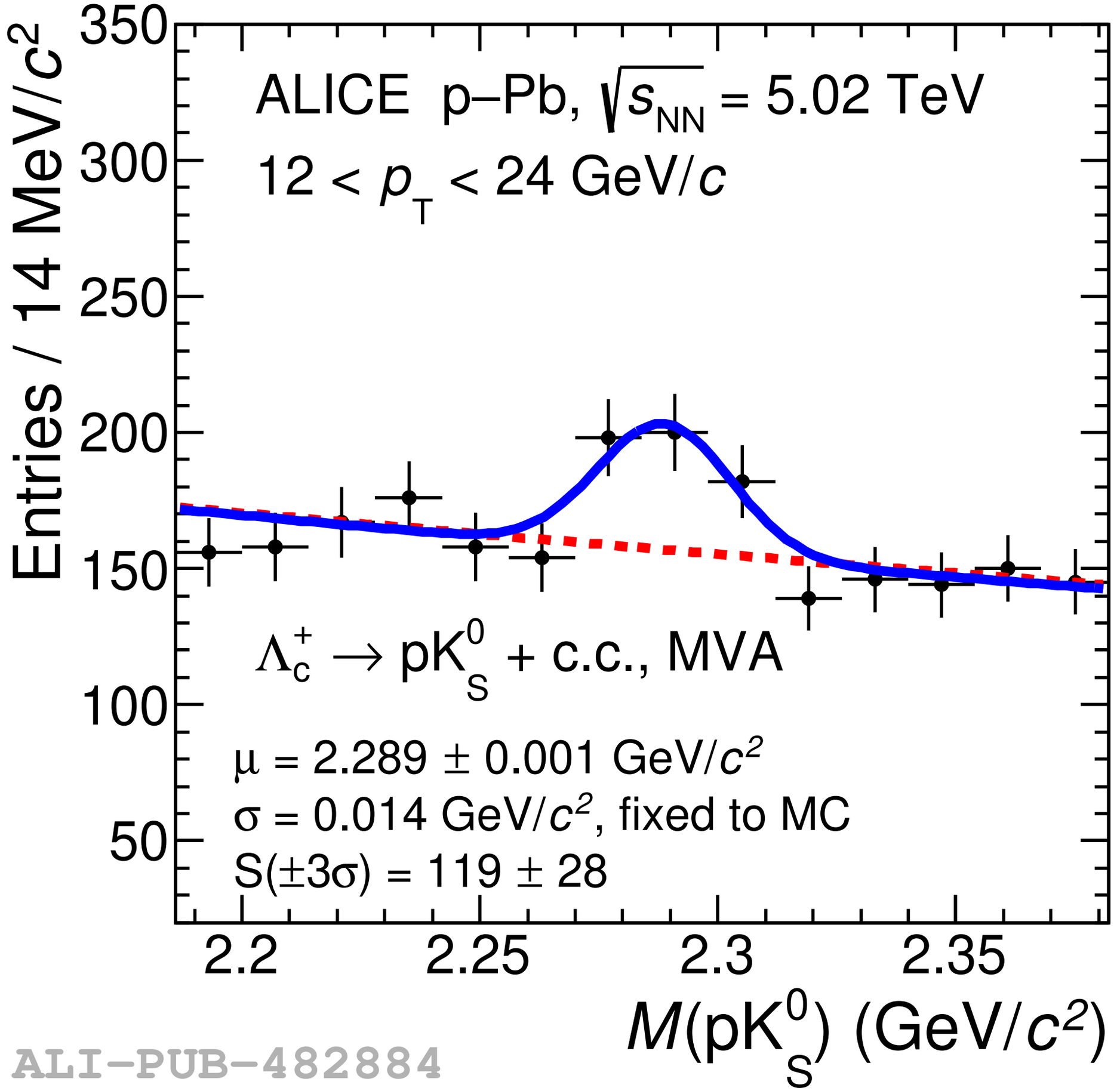
ALICE p–Pb, $\sqrt{s_{NN}}$ = 5.02 TeV
12 < p_T < 24 GeV/c
$\Lambda_c^+ \rightarrow pK_S^0$ + c.c., MVA
μ = 2.289 ± 0.001 GeV/c^2
σ = 0.014 GeV/c^2, fixed to MC
S(±3σ) = 119 ± 28
Entries / 14 MeV/c^2
$M(pK_S^0)$ (GeV/c^2)
350
300
250
200
150
100
50
2.2
2.25
2.3
2.35
ALI-PUB-482884