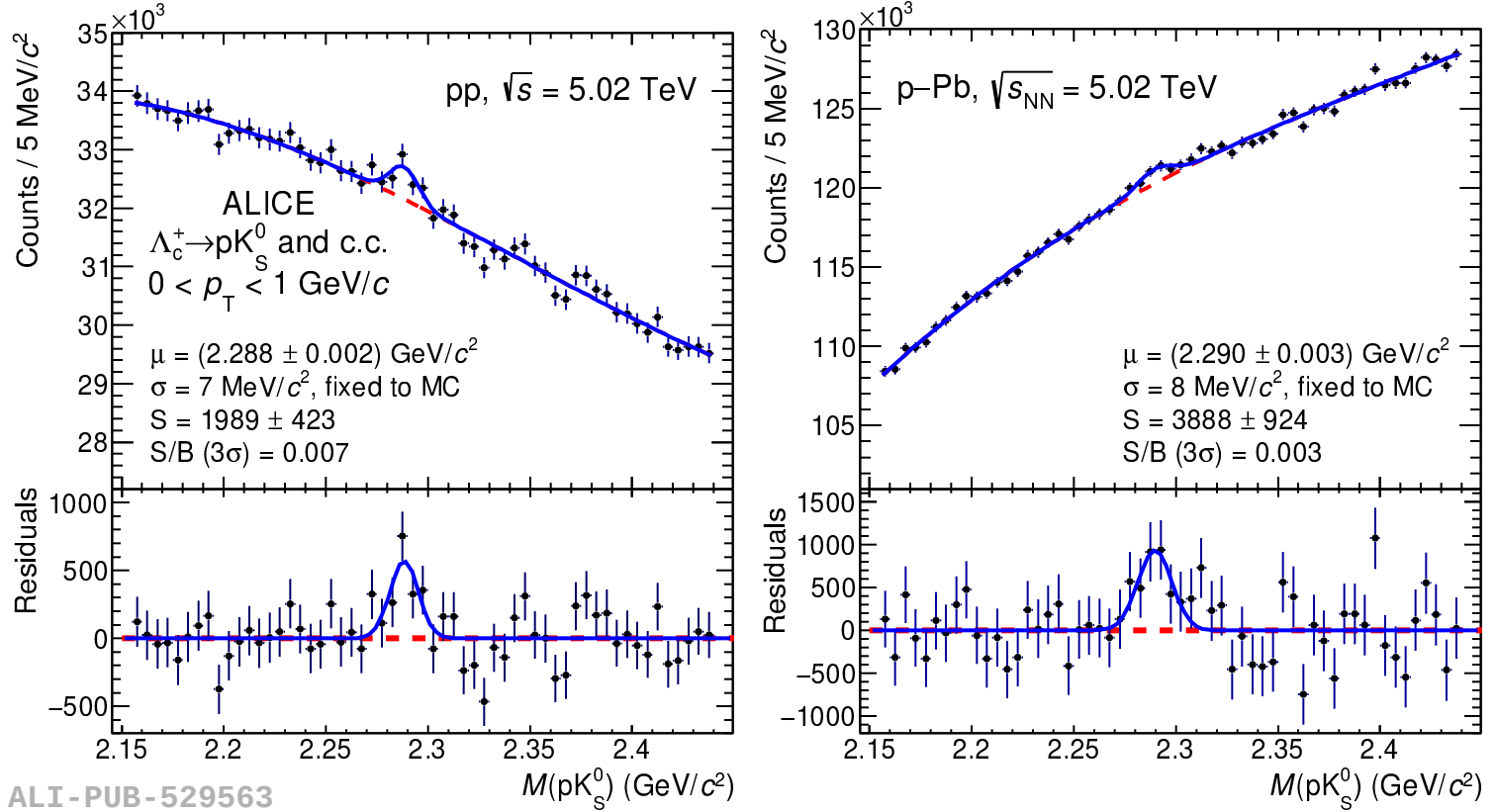
pp, $\sqrt{s}$ = 5.02 TeV
ALICE
$\Lambda_c^+ \to pK_S^0$ and c.c.
$0 < p_T < 1$ GeV/$c$
$\mu$ = (2.288 ± 0.002) GeV/$c^2$
$\sigma$ = 7 MeV/$c^2$, fixed to MC
S = 1989 ± 423
S/B (3$\sigma$) = 0.007
p–Pb, $\sqrt{s_{NN}}$ = 5.02 TeV
$\mu$ = (2.290 ± 0.003) GeV/$c^2$
$\sigma$ = 8 MeV/$c^2$, fixed to MC
S = 3888 ± 924
S/B (3$\sigma$) = 0.003
Counts / 5 MeV/$c^2$
Residuals
$M(pK_S^0)$ (GeV/$c^2$)
ALI-PUB-529563