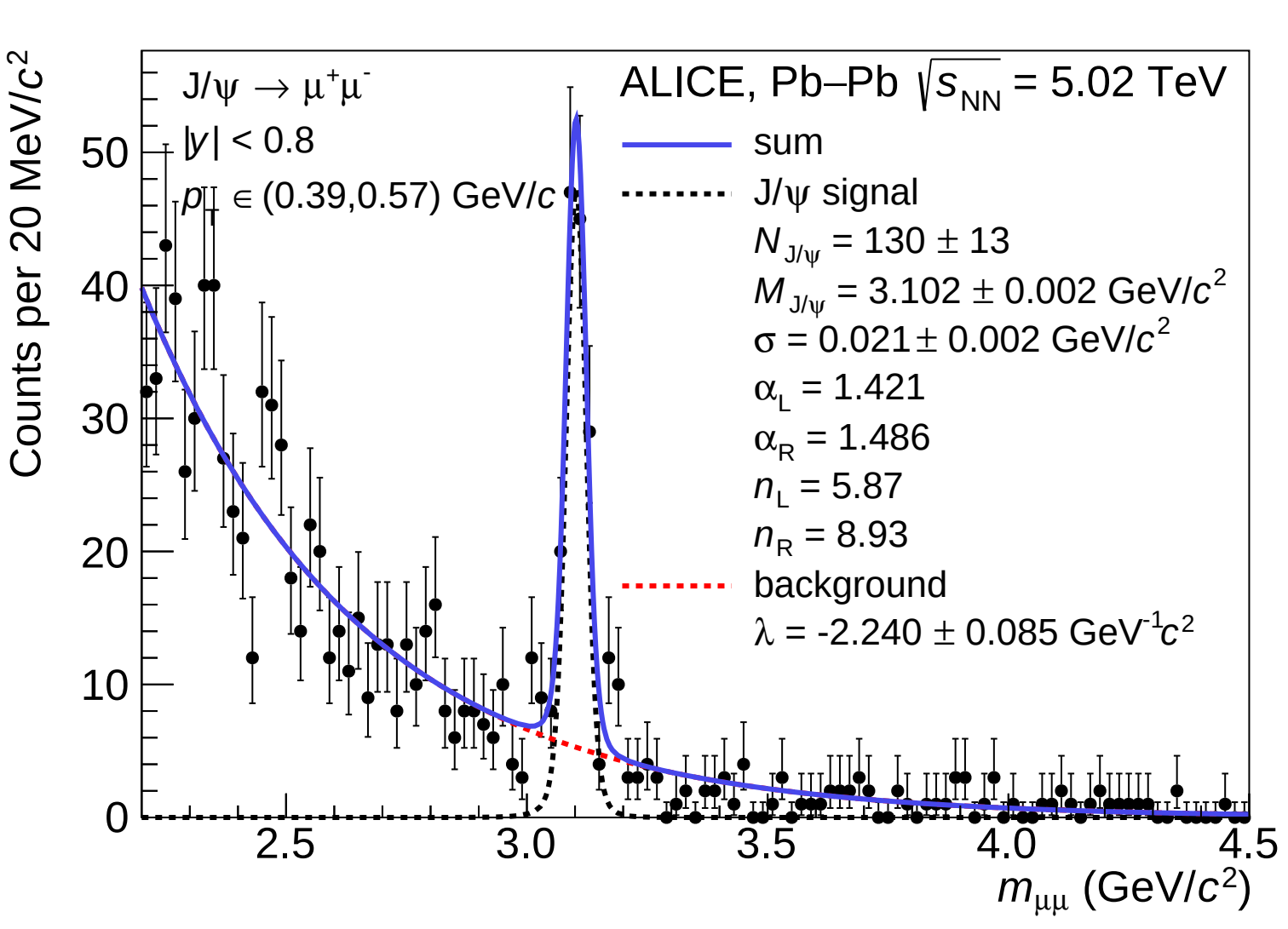
ALICE, Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
$J/\psi \rightarrow \mu^+\mu^-$
$|y| < 0.8$
$p_T \in (0.39,0.57)$ GeV/c
sum
J/ψ signal
$N_{J/\psi} = 130 \pm 13$
$M_{J/\psi} = 3.102 \pm 0.002$ GeV/c^2
$\sigma = 0.021 \pm 0.002$ GeV/c^2
$\alpha_L = 1.421$
$\alpha_R = 1.486$
$n_L = 5.87$
$n_R = 8.93$
background
$\lambda = -2.240 \pm 0.085$ GeV$^{-1}c^2$
Counts per 20 MeV/c^2
0
10
20
30
40
50
2.5
3.0
3.5
4.0
4.5
$m_{\mu\mu}$ (GeV/c^2)