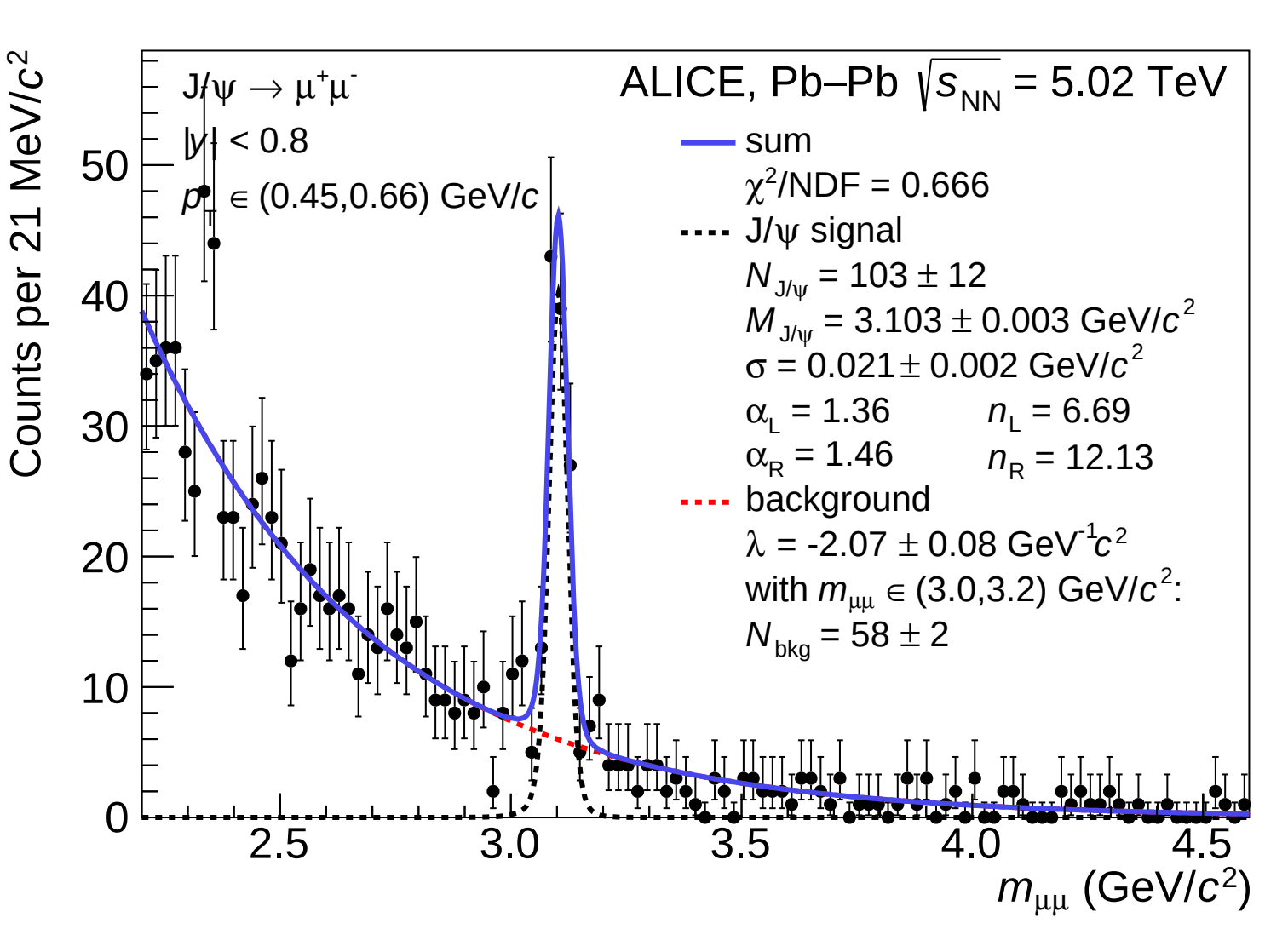
ALICE, Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
$J/\psi \rightarrow \mu^+\mu^-$
$|y| < 0.8$
$p_T \in (0.45,0.66)$ GeV/c
sum
χ^2/NDF = 0.666
J/ψ signal
$N_{J/\psi} = 103 \pm 12$
$M_{J/\psi} = 3.103 \pm 0.003$ GeV/c^2
$\sigma = 0.021 \pm 0.002$ GeV/c^2
$\alpha_L = 1.36$ $n_L = 6.69$
$\alpha_R = 1.46$ $n_R = 12.13$
background
$\lambda = -2.07 \pm 0.08$ GeV$^{-1}c^2$
with $m_{\mu\mu} \in (3.0,3.2)$ GeV/c^2:
$N_{bkg} = 58 \pm 2$
Counts per 21 MeV/c^2
$m_{\mu\mu}$ (GeV/c^2)
0
10
20
30
40
50
2.5
3.0
3.5
4.0
4.5