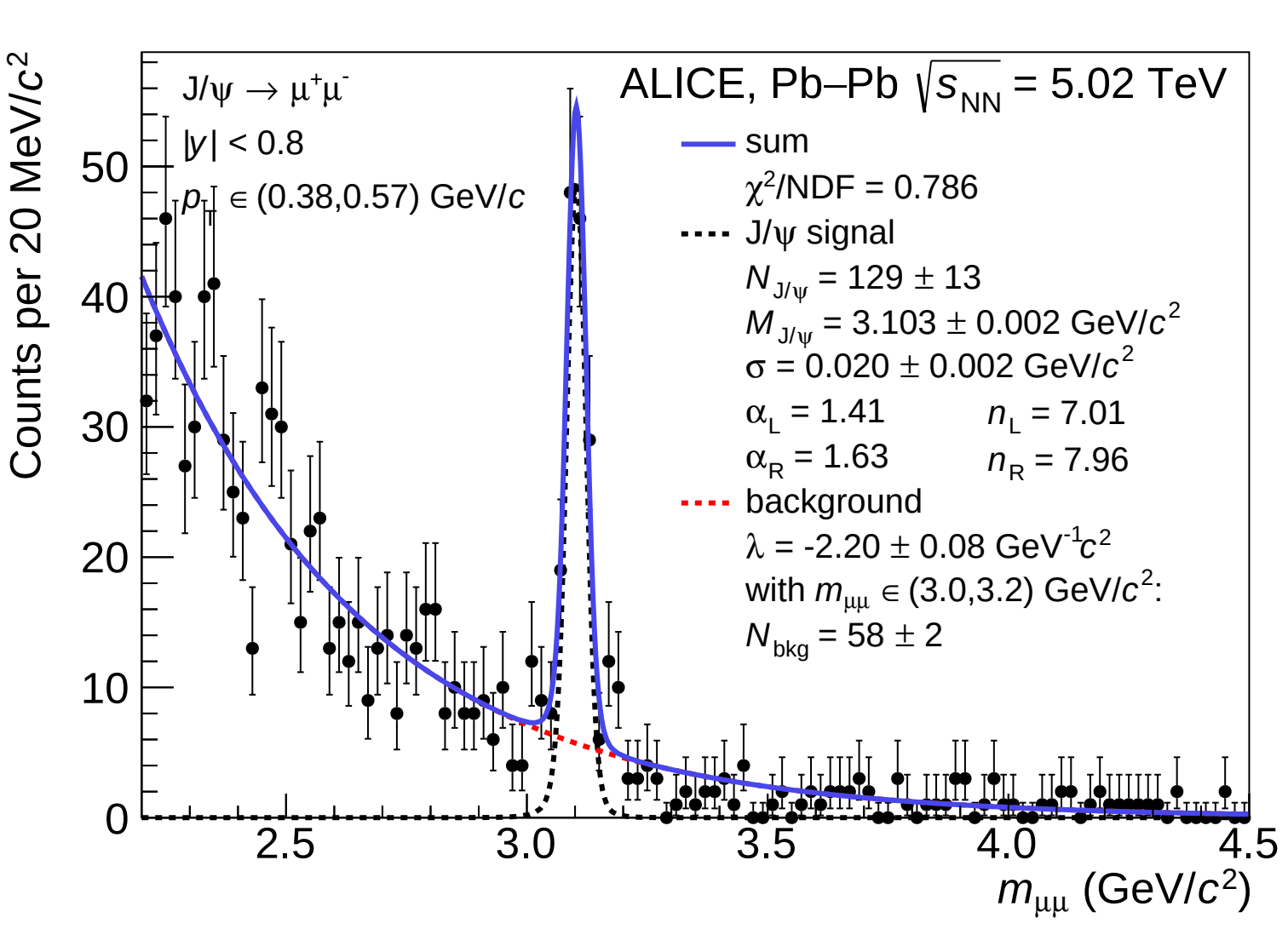
ALICE, Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
$J/\psi \rightarrow \mu^+\mu^-$
$|y| < 0.8$
$p_T \in (0.38,0.57)$ GeV/c
sum
χ^2/NDF = 0.786
J/ψ signal
$N_{J/\psi}$ = 129 ± 13
$M_{J/\psi}$ = 3.103 ± 0.002 GeV/c^2
σ = 0.020 ± 0.002 GeV/c^2
α_L = 1.41 n_L = 7.01
α_R = 1.63 n_R = 7.96
background
λ = -2.20 ± 0.08 GeV$^{-1}c^2$
with $m_{\mu\mu} \in (3.0,3.2)$ GeV/c^2:
N_{bkg} = 58 ± 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)