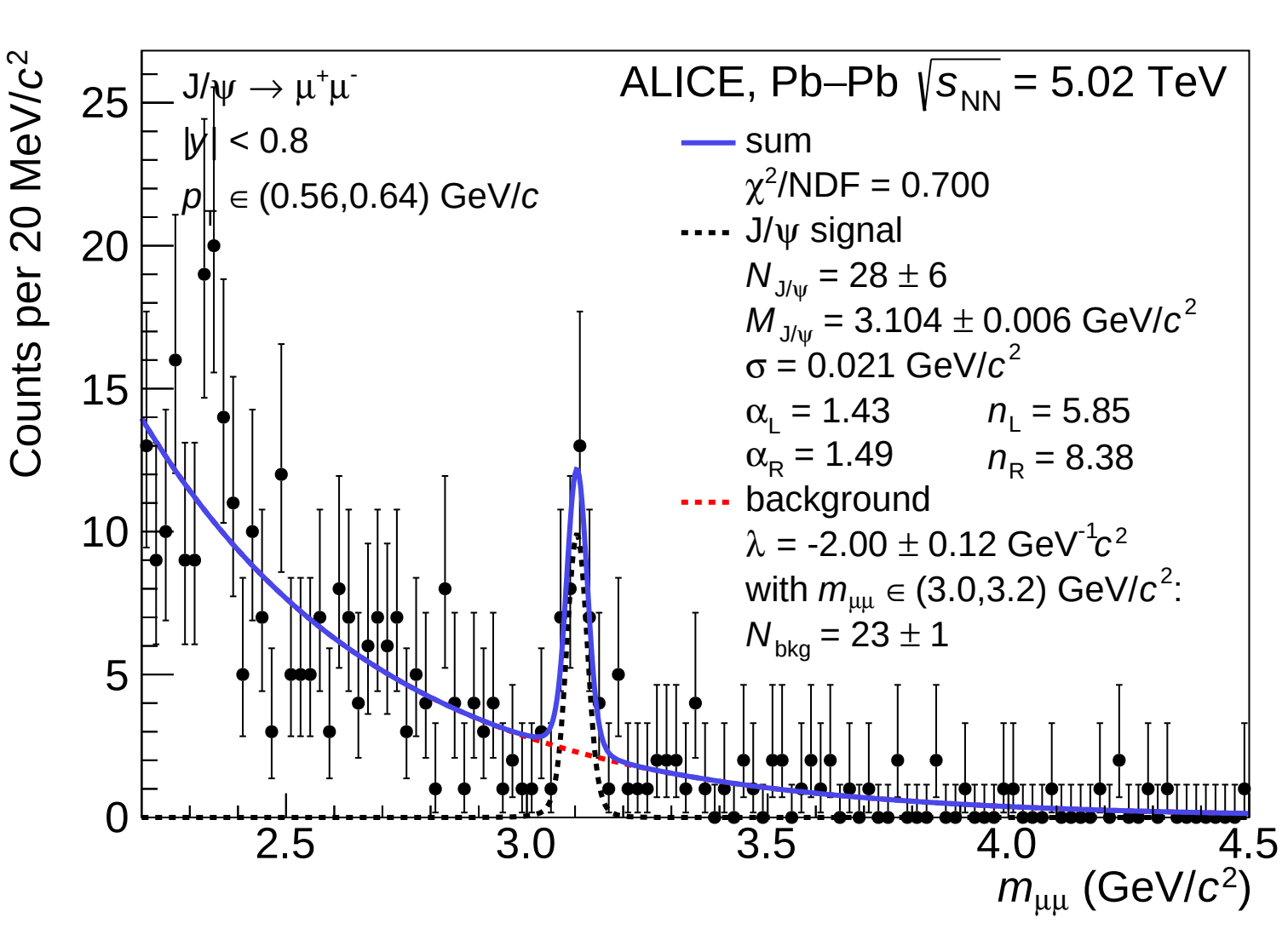
ALICE, Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
J/ψ → μ⁺μ⁻
|y| < 0.8
p ∈ (0.56,0.64) GeV/c
sum
χ²/NDF = 0.700
J/ψ signal
N J/ψ = 28 ± 6
M J/ψ = 3.104 ± 0.006 GeV/c²
σ = 0.021 GeV/c²
αL = 1.43
nL = 5.85
αR = 1.49
nR = 8.38
background
λ = -2.00 ± 0.12 GeV⁻¹c²
with mμμ ∈ (3.0,3.2) GeV/c²:
N bkg = 23 ± 1
Counts per 20 MeV/c²
mμμ (GeV/c²)
0
5
10
15
20
25
2.5
3.0
3.5
4.0
4.5