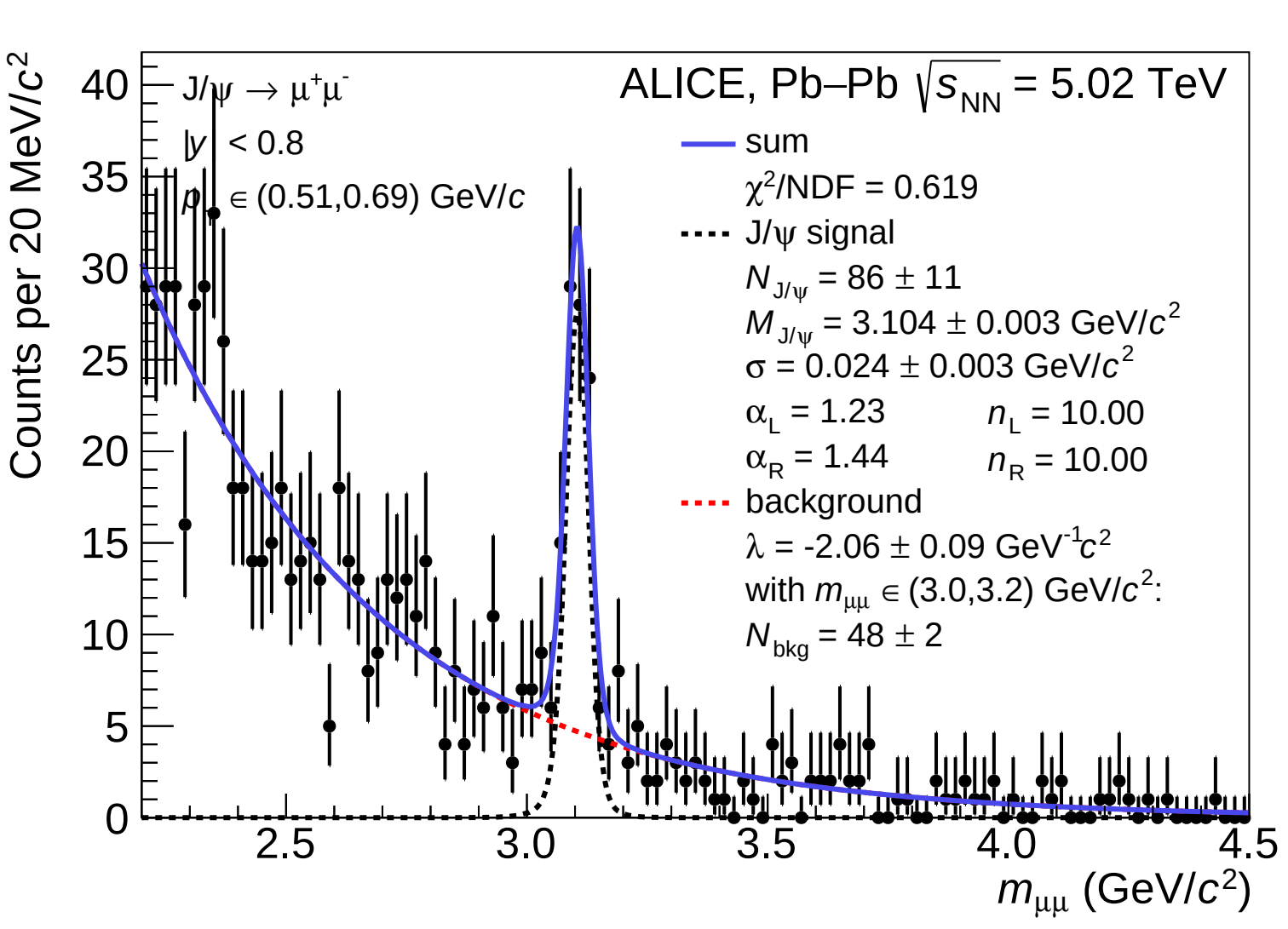
ALICE, Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
$J/\psi \rightarrow \mu^+\mu^-$
$|y| < 0.8$
$p_T \in (0.51,0.69)$ GeV/c
sum
χ^2/NDF = 0.619
J/ψ signal
$N_{J/\psi}$ = 86 ± 11
$M_{J/\psi}$ = 3.104 ± 0.003 GeV/c^2
σ = 0.024 ± 0.003 GeV/c^2
α_L = 1.23
n_L = 10.00
α_R = 1.44
n_R = 10.00
background
λ = -2.06 ± 0.09 GeV$^{-1}c^2$
with $m_{\mu\mu} \in (3.0,3.2)$ GeV/c^2:
N_{bkg} = 48 ± 2
Counts per 20 MeV/c^2
$m_{\mu\mu}$ (GeV/c^2)
0
5
10
15
20
25
30
35
40
2.5
3.0
3.5
4.0
4.5