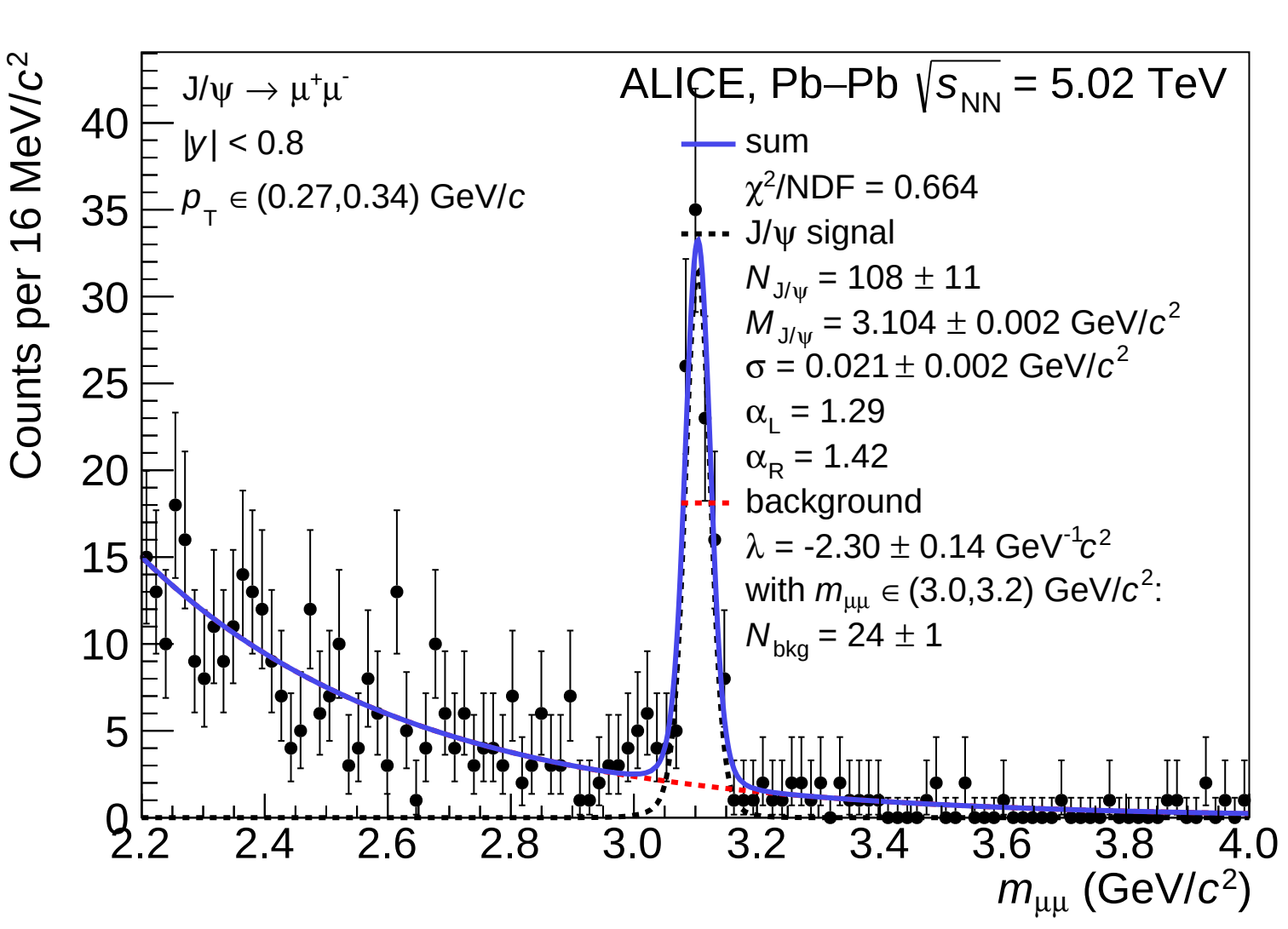
ALICE, Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
$J/\psi \rightarrow \mu^+\mu^-$
$|y| < 0.8$
$p_T \in (0.27,0.34)$ GeV/c
sum
χ^2/NDF = 0.664
J/ψ signal
$N_{J/\psi}$ = 108 ± 11
$M_{J/\psi}$ = 3.104 ± 0.002 GeV/c^2
σ = 0.021 ± 0.002 GeV/c^2
α_L = 1.29
α_R = 1.42
background
λ = -2.30 ± 0.14 GeV$^{-1}c^2$
with $m_{\mu\mu} \in (3.0,3.2)$ GeV/c^2:
N_{bkg} = 24 ± 1
Counts per 16 MeV/c^2
$m_{\mu\mu}$ (GeV/c^2)
0
5
10
15
20
25
30
35
40
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0