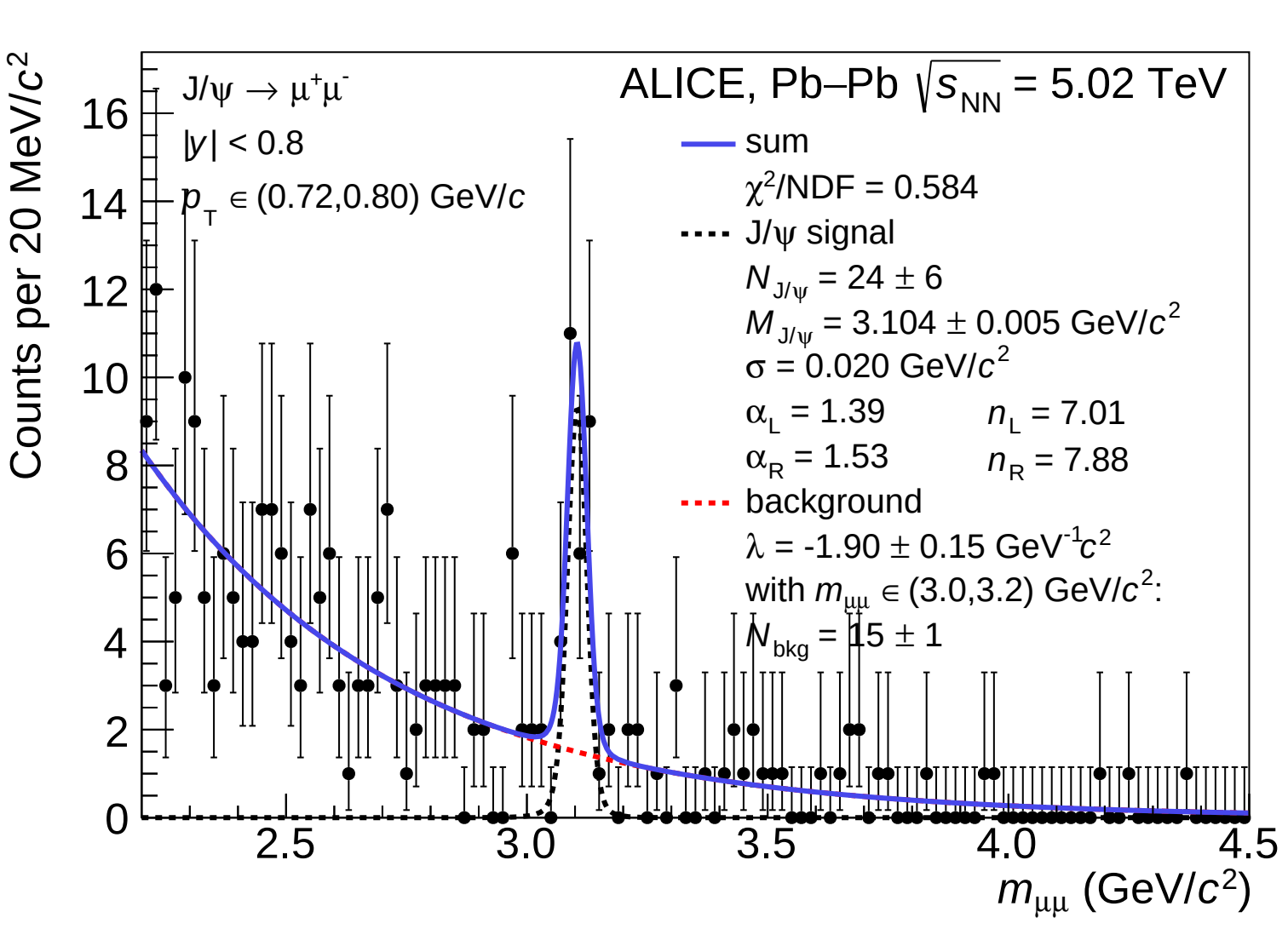
ALICE, Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
$J/\psi \rightarrow \mu^+\mu^-$
$|y| < 0.8$
$p_T \in (0.72,0.80)$ GeV/$c$
sum
$\chi^2$/NDF = 0.584
$J/\psi$ signal
$N_{J/\psi}$ = 24 ± 6
$M_{J/\psi}$ = 3.104 ± 0.005 GeV/$c^2$
σ = 0.020 GeV/$c^2$
$\alpha_L$ = 1.39
$n_L$ = 7.01
$\alpha_R$ = 1.53
$n_R$ = 7.88
background
λ = -1.90 ± 0.15 GeV$^{-1}c^2$
with $m_{\mu\mu} \in (3.0,3.2)$ GeV/$c^2$:
$N_{bkg}$ = 15 ± 1
Counts per 20 MeV/$c^2$
$m_{\mu\mu}$ (GeV/$c^2$)
0
2
4
6
8
10
12
14
16
2.5
3.0
3.5
4.0
4.5