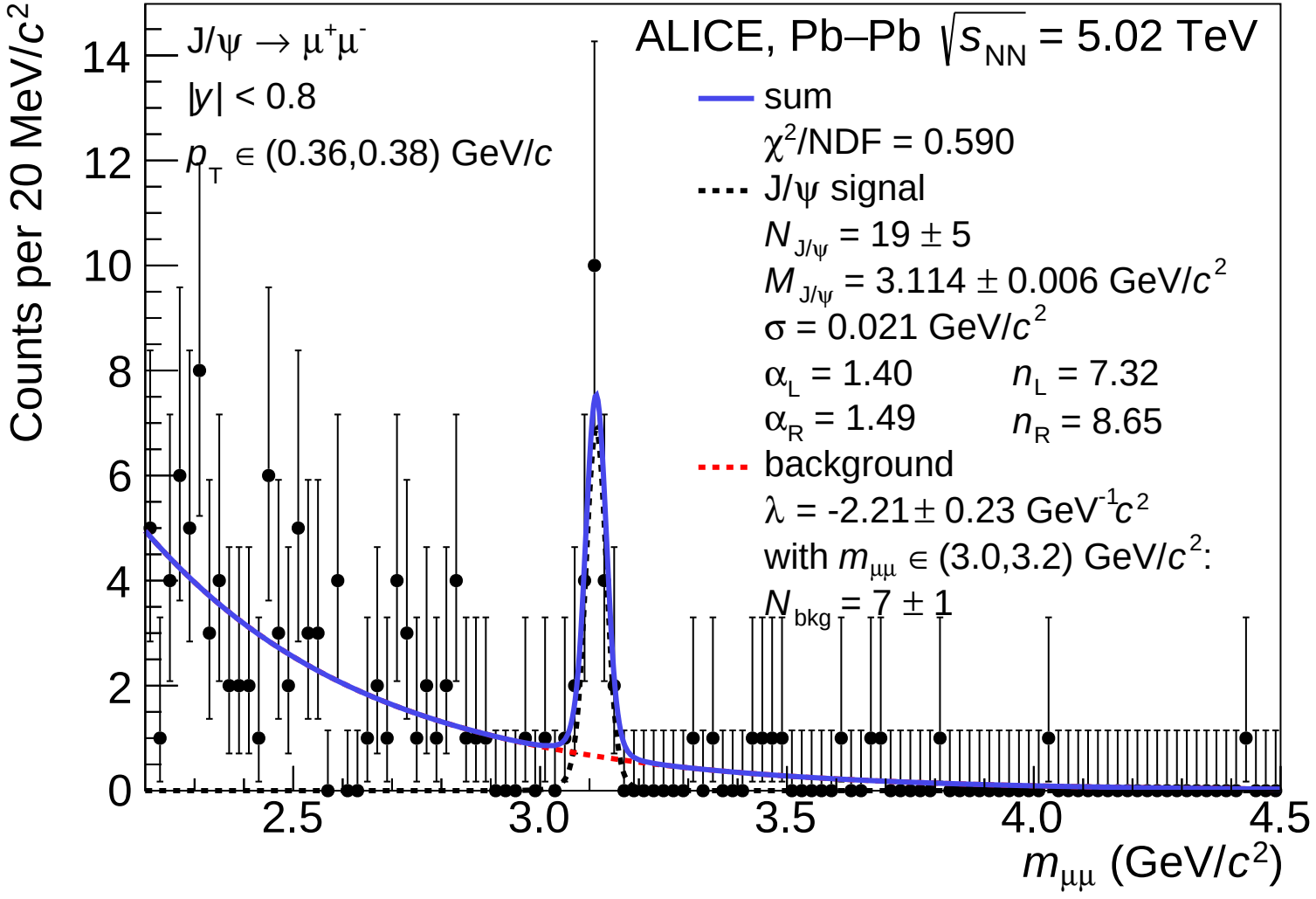
ALICE, Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
$J/\psi \rightarrow \mu^+\mu^-$
$|y| < 0.8$
$p_T \in (0.36,0.38)$ GeV/c
sum
χ^2/NDF = 0.590
J/ψ signal
$N_{J/\psi} = 19 \pm 5$
$M_{J/\psi} = 3.114 \pm 0.006$ GeV/c^2
$\sigma = 0.021$ GeV/c^2
$\alpha_L = 1.40$ $n_L = 7.32$
$\alpha_R = 1.49$ $n_R = 8.65$
background
$\lambda = -2.21 \pm 0.23$ GeV$^{-1}c^2$
with $m_{\mu\mu} \in (3.0,3.2)$ GeV/c^2:
$N_{bkg} = 7 \pm 1$
Counts per 20 MeV/c^2
$m_{\mu\mu}$ (GeV/c^2)
0
2
4
6
8
10
12
14
2.5
3.0
3.5
4.0
4.5