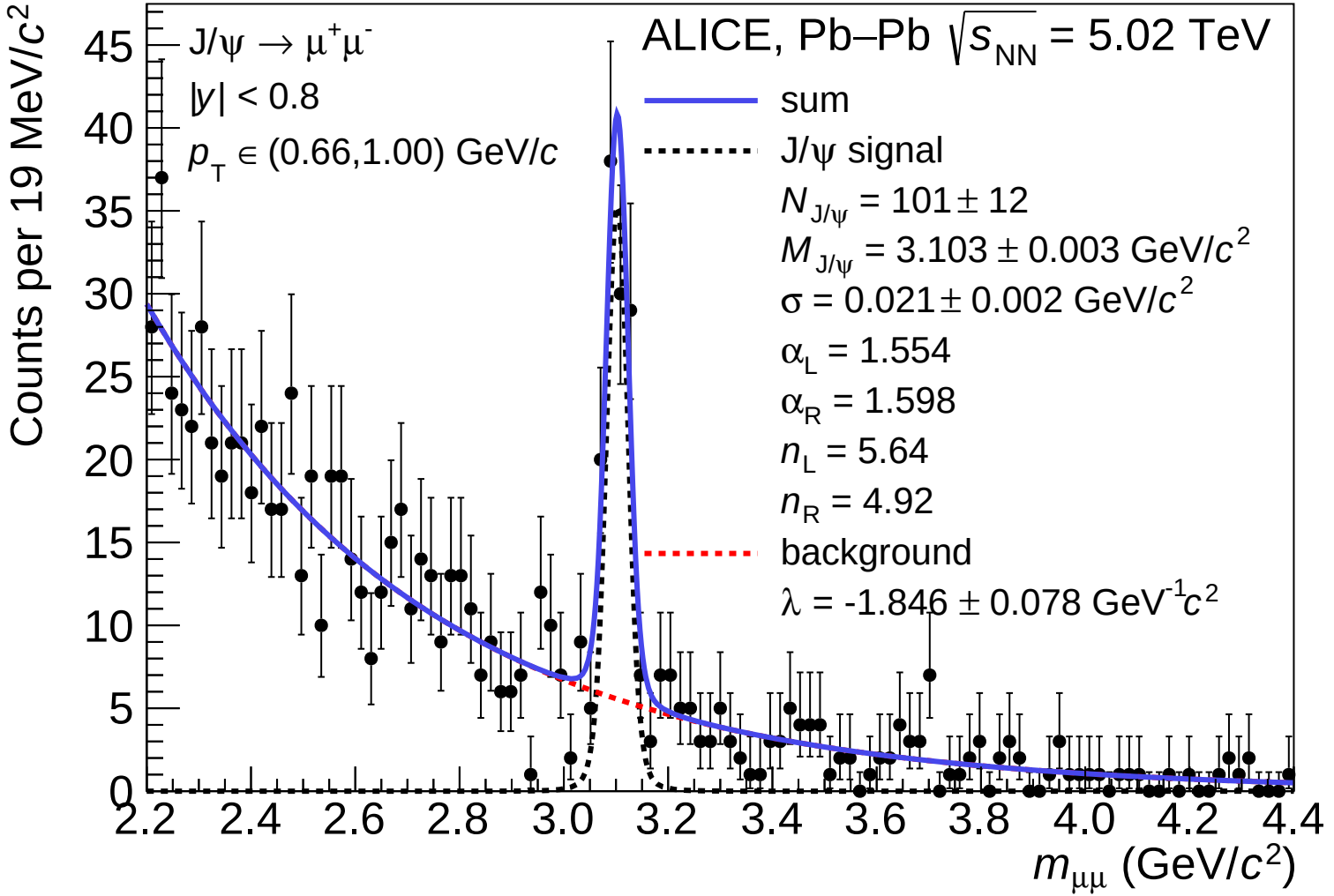
ALICE, Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
$J/\psi \rightarrow \mu^+\mu^-$
$|y| < 0.8$
$p_T \in (0.66,1.00)$ GeV/c
sum
J/ψ signal
$N_{J/\psi} = 101 \pm 12$
$M_{J/\psi} = 3.103 \pm 0.003$ GeV/c^2
$\sigma = 0.021 \pm 0.002$ GeV/c^2
$\alpha_L = 1.554$
$\alpha_R = 1.598$
$n_L = 5.64$
$n_R = 4.92$
background
$\lambda = -1.846 \pm 0.078$ GeV$^{-1}c^2$
Counts per 19 MeV/c^2
$m_{\mu\mu}$ (GeV/c^2)
0
5
10
15
20
25
30
35
40
45
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2
4.4