

Counts per 20 MeV/c²

ALICE, Pb–Pb $\sqrt{s_{\text{NN}}} = 5.02$ TeV

$J/\psi \rightarrow \mu^+\mu^-$

$|y| < 0.8$

$p_{\text{T}} \in (0.17, 0.18)$ GeV/c

— sum

$\chi^2/\text{NDF} = 0.813$

.... J/ψ signal

$N_{J/\psi} = 28 \pm 6$

$M_{J/\psi} = 3.099 \pm 0.003$ GeV/c²

$\sigma = 0.014$ GeV/c²

$\alpha_{\text{L}} = 1.43$

$n_{\text{L}} = 5.86$

$\alpha_{\text{R}} = 1.53$

$n_{\text{R}} = 9.37$

.... background

$\lambda = -1.55 \pm 0.27$ GeV⁻¹c²

with $m_{\mu\mu} \in (3.0, 3.2)$ GeV/c²:

$N_{\text{bkg}} = 4 \pm 1$

