

Counts per 20 MeV/c²

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

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

$|y| < 0.8$

$p_{\text{T}} \in (0.32, 0.34)$ GeV/c

— sum

$\chi^2/\text{NDF} = 0.763$

---- J/ ψ signal

$N_{J/\psi} = 26 \pm 6$

$M_{J/\psi} = 3.105 \pm 0.006$ GeV/c²

$\sigma = 0.025$ GeV/c²

$\alpha_{\text{L}} = 1.39$

$n_{\text{L}} = 7.01$

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

$n_{\text{R}} = 7.88$

--- background

$\lambda = -2.20 \pm 0.22$ GeV⁻¹c²

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

$N_{\text{bkg}} = 8 \pm 1$

$m_{\mu\mu}$ (GeV/c²)

