

Counts per 20 MeV/c²

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

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

$|y| < 0.8$

$p_{\text{T}} \in (0.34, 0.45)$ GeV/c

— sum

$\chi^2/\text{NDF} = 0.551$

---- J/ ψ signal

$N_{J/\psi} = 104 \pm 12$

$M_{J/\psi} = 3.106 \pm 0.002$ GeV/c²

$\sigma = 0.020 \pm 0.002$ GeV/c²

$\alpha_{\text{L}} = 1.42$

$n_{\text{L}} = 9.13$

$\alpha_{\text{R}} = 1.71$

$n_{\text{R}} = 5.36$

--- background

$\lambda = -2.19 \pm 0.10$ GeV⁻¹c²

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

$N_{\text{bkg}} = 41 \pm 2$

