

Counts per 18 MeV/c²

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

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

$|y| < 0.8$

$p_{\text{T}} \in (0.69, 1.00)$ GeV/c

— sum

$\chi^2/\text{NDF} = 0.620$

---- J/ ψ signal

$N_{J/\psi} = 87 \pm 11$

$M_{J/\psi} = 3.104 \pm 0.003$ GeV/c²

$\sigma = 0.019 \pm 0.002$ GeV/c²

$\alpha_{\text{L}} = 1.34$ $n_{\text{L}} = 10.00$

$\alpha_{\text{R}} = 1.28$ $n_{\text{R}} = 10.00$

--- background

$\lambda = -1.81 \pm 0.10$ GeV⁻¹c²

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

$N_{\text{bkg}} = 50 \pm 2$

