

Counts per 21 MeV/c²

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

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

$|y| < 0.8$

$p_{\text{T}} \in (0.20, 0.27)$ GeV/c

— sum

$\chi^2/\text{NDF} = 0.730$

.... J/ ψ signal

$N_{J/\psi} = 101 \pm 11$

$M_{J/\psi} = 3.106 \pm 0.003$ GeV/c²

$\sigma = 0.023 \pm 0.002$ GeV/c²

$\alpha_{\text{L}} = 1.37$

$n_{\text{L}} = 7.14$

$\alpha_{\text{R}} = 1.62$

$n_{\text{R}} = 7.15$

... background

$\lambda = -2.05 \pm 0.12$ GeV⁻¹c²

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

$N_{\text{bkg}} = 25 \pm 1$

