

Counts per 20 MeV/c²

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

$|\eta| < 0.8$

$p_T \in (0.19, 0.20)$ GeV/c

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

— sum

$\chi^2/\text{NDF} = 0.555$

.... J/ψ signal

$N_{J/\psi} = 19 \pm 5$

$M_{J/\psi} = 3.098 \pm 0.003$ GeV/c²

$\sigma = 0.012$ GeV/c²

$\alpha_L = 1.41$

$n_L = 6.22$

$\alpha_R = 1.54$

$n_R = 8.92$

... background

$\lambda = -1.81 \pm 0.25$ GeV⁻¹c²

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

$N_{\text{bkg}} = 5 \pm 1$

