

Counts per 19 MeV/c²

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

$|y| < 0.8$

$p_T \in (0.28, 0.38) \text{ GeV}/c$

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

— sum

$\chi^2/\text{NDF} = 0.695$

---- J/ ψ signal

$N_{J/\psi} = 130 \pm 13$

$M_{J/\psi} = 3.104 \pm 0.002 \text{ GeV}/c^2$

$\sigma = 0.019 \pm 0.002 \text{ GeV}/c^2$

$\alpha_L = 1.30$

$\alpha_R = 1.44$

--- background

$\lambda = -2.20 \pm 0.10 \text{ GeV}^{-1}c^2$

with $m_{\mu\mu} \in (3.0, 3.2) \text{ GeV}/c^2$:

$N_{\text{bkg}} = 35 \pm 2$

