

Counts per 20 MeV/c²

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

$|\eta| < 0.8$

$p_T \in (0.14, 0.15) \text{ GeV}/c$

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

— sum

$\chi^2/\text{NDF} = 0.592$

.... J/ ψ signal

$N_{J/\psi} = 23 \pm 5$

$M_{J/\psi} = 3.102 \pm 0.004 \text{ GeV}/c^2$

$\sigma = 0.018 \text{ GeV}/c^2$

$\alpha_L = 1.43$

$n_L = 5.86$

$\alpha_R = 1.53$

$n_R = 9.37$

... background

$\lambda = -2.31 \pm 0.30 \text{ GeV}^{-1}c^2$

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

$N_{\text{bkg}} = 4 \pm 1$

