

Counts per 20 MeV/c²

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

$|y| < 0.8$

$p_T \in (0.34, 0.36) \text{ GeV}/c$

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

— sum

$\chi^2/\text{NDF} = 0.421$

.... J/ψ signal

$N_{J/\psi} = 22 \pm 5$

$M_{J/\psi} = 3.097 \pm 0.005 \text{ GeV}/c^2$

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

$\alpha_L = 1.40$

$n_L = 7.32$

$\alpha_R = 1.49$

$n_R = 8.65$

... background

$\lambda = -2.16 \pm 0.22 \text{ GeV}^{-1}c^2$

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

$N_{\text{bkg}} = 8 \pm 1$

