

Counts per 20 MeV/c<sup>2</sup>

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

$|y| < 0.8$

$p_T \in (0.08, 0.09) \text{ GeV}/c$

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

— sum

$\chi^2/\text{NDF} = 0.525$

----  $J/\psi$  signal

$N_{J/\psi} = 191 \pm 14$

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

$\sigma = 0.020 \text{ GeV}/c^2$

$\alpha_L = 1.45$

$n_L = 5.73$

$\alpha_R = 1.54$

$n_R = 9.56$

.... background

$\lambda = -1.30 \pm 0.14 \text{ GeV}^{-1}c^2$

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

$N_{\text{bkg}} = 16 \pm 1$

