

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

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

$|\eta| < 0.8$

$p_T \in (0.15, 0.16) \text{ GeV}/c$

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

— sum

$\chi^2/\text{NDF} = 0.661$

.... J/ $\psi$  signal

$N_{J/\psi} = 24 \pm 5$

$M_{J/\psi} = 3.099 \pm 0.005 \text{ GeV}/c^2$

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

$\alpha_L = 1.41$

$n_L = 6.22$

$\alpha_R = 1.54$

$n_R = 8.92$

--- background

$\lambda = -1.61 \pm 0.25 \text{ GeV}^{-1}c^2$

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

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

