

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

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

$|y| < 0.8$

$p_T \in (0.24, 0.26)$  GeV/c

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

— sum

$\chi^2/\text{NDF} = 0.586$

---- J/ψ signal

$N_{J/\psi} = 40 \pm 7$

$M_{J/\psi} = 3.109 \pm 0.004$  GeV/c<sup>2</sup>

$\sigma = 0.022$  GeV/c<sup>2</sup>

$\alpha_L = 1.43$

$n_L = 5.85$

$\alpha_R = 1.49$

$n_R = 8.38$

--- background

$\lambda = -2.45 \pm 0.26$  GeV<sup>-1</sup>c<sup>2</sup>

with  $m_{\mu\mu} \in (3.0, 3.2)$  GeV/c<sup>2</sup>:

$N_{\text{bkg}} = 6 \pm 1$

