

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

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

$|y| < 0.8$

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

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

— sum

$\chi^2/\text{NDF} = 0.658$

.... J/ψ signal

$N_{J/\psi} = 32 \pm 6$

$M_{J/\psi} = 3.102 \pm 0.004$  GeV/c<sup>2</sup>

$\sigma = 0.019$  GeV/c<sup>2</sup>

$\alpha_L = 1.43$

$n_L = 5.86$

$\alpha_R = 1.53$

$n_R = 9.37$

... background

$\lambda = -1.53 \pm 0.25$  GeV<sup>-1</sup>c<sup>2</sup>

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

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

