

Counts per 21 MeV/c<sup>2</sup>

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

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

$|y| < 0.8$

$p_T \in (0.57, 1.00)$  GeV/c

— sum

$\chi^2/\text{NDF} = 0.694$

.... J/ $\psi$  signal

$N_{J/\psi} = 129 \pm 13$

$M_{J/\psi} = 3.105 \pm 0.002$  GeV/c<sup>2</sup>

$\sigma = 0.020 \pm 0.002$  GeV/c<sup>2</sup>

$\alpha_L = 1.27$

$n_L = 10.00$

$\alpha_R = 1.35$

$n_R = 10.00$

--- background

$\lambda = -1.89 \pm 0.06$  GeV<sup>-1</sup>c<sup>2</sup>

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

$N_{\text{bkg}} = 82 \pm 2$

