

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

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

$|y| < 0.8$

$p_T \in (0.45, 0.66)$  GeV/c

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

sum

$\chi^2/\text{NDF} = 0.674$

J/ $\psi$  signal

$N_{J/\psi} = 109 \pm 12$

$M_{J/\psi} = 3.103 \pm 0.003$  GeV/c<sup>2</sup>

$\sigma = 0.021 \pm 0.002$  GeV/c<sup>2</sup>

$\alpha_L = 1.449$

$\alpha_R = 1.513$

$n_L = 6.09$

$n_R = 7.10$

background

$\lambda = -2.117 \pm 0.079$  GeV<sup>-1</sup>c<sup>2</sup>

50  
40  
30  
20  
10  
0

2.5

3.0

3.5

4.0

4.5

$m_{\mu\mu}$  (GeV/c<sup>2</sup>)

