

Counts per 19 MeV/c<sup>2</sup>

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

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

$|y| < 0.8$

$p_{\text{T}} \in (0.38, 0.57)$  GeV/c

sum

J/ $\psi$  signal

$N_{J/\psi} = 127 \pm 13$

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

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

$\alpha_{\text{L}} = 1.353$

$\alpha_{\text{R}} = 1.475$

$n_{\text{L}} = 7.52$

$n_{\text{R}} = 9.16$

background

$\lambda = -2.231 \pm 0.084$  GeV<sup>-1</sup>c<sup>2</sup>

50

40

30

20

10

0

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

