

Counts per 30 MeV/c<sup>2</sup>

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

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

$|\eta| < 0.8$

$p_{\text{T}} \in (0.57, 1.00)$  GeV/c

ZN class: XnXn

— sum

·····  $J/\psi$  signal

$N_{J/\psi} = 18.9 \pm 4.7$

$M_{J/\psi} = 3.101 \pm 0.005$  GeV/c<sup>2</sup>

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

--- background

$N_{\text{bkg}} = 9.4 \pm 1.1$

$\lambda = -1.834 \pm 0.324$  GeV<sup>-1</sup>c<sup>2</sup>

16  
14  
12  
10  
8  
6  
4  
2  
0

2.6 2.8 3.0 3.2 3.4 3.6 3.8 4.0  
 $m_{\mu\mu}$  (GeV/c<sup>2</sup>)

