

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

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

$|y| < 0.8$

$p_T \in (0.27, 0.34) \text{ GeV}/c$

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

— sum

·····  $J/\psi$  signal

$N_{J/\psi} = 106 \pm 11$

$M_{J/\psi} = 3.104 \pm 0.002 \text{ GeV}/c^2$

$\sigma = 0.020 \pm 0.002 \text{ GeV}/c^2$

$\alpha_L = 1.421$

$\alpha_R = 1.486$

$n_L = 5.87$

$n_R = 8.93$

····· background

$\lambda = -2.188 \pm 0.120 \text{ GeV}^{-1}c^2$

