

Counts per 20 MeV/c²

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

— sum

$\chi^2/\text{NDF} = 0.619$

---- J/ ψ signal

$N_{\text{J}/\psi} = 86 \pm 11$

$M_{\text{J}/\psi} = 3.104 \pm 0.003 \text{ GeV}/c^2$

$\sigma = 0.024 \pm 0.003 \text{ GeV}/c^2$

$\alpha_L = 1.21$

$n_L = 10.00$

$\alpha_R = 1.46$

$n_R = 10.00$

--- background

$\lambda = -2.06 \pm 0.09 \text{ GeV}^{-1}c^2$

with $m_{\mu\mu} \in (3.0, 3.2) \text{ GeV}/c^2$:

$N_{\text{bkg}} = 48 \pm 2$

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

$|y| < 0.8$

$p_T \in (0.51, 0.69) \text{ GeV}/c$

