

Counts per 20 MeV/c²

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

$|y| < 0.8$

$p_T \in (0.28, 0.38) \text{ GeV}/c$

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

sum

J/ ψ signal

$N_{J/\psi} = 127 \pm 12$

$M_{J/\psi} = 3.103 \pm 0.002 \text{ GeV}/c^2$

$\sigma = 0.021 \pm 0.002 \text{ GeV}/c^2$

$\alpha_L = 1.406$

$\alpha_R = 1.368$

$n_L = 4.51$

$n_R = 12.48$

background

$\lambda = -2.127 \pm 0.103 \text{ GeV}^{-1}c^2$

