

Counts per 23 MeV/c²

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

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

$|\eta| < 0.8$

$p_T \in (0.38, 0.57)$ GeV/c

sum

J/ ψ signal

$N_{J/\psi} = 126 \pm 13$

$M_{J/\psi} = 3.105 \pm 0.002$ GeV/c²

$\sigma = 0.020 \pm 0.002$ GeV/c²

$\alpha_L = 1.353$

$\alpha_R = 1.475$

$n_L = 7.52$

$n_R = 9.16$

background

$\lambda = -2.209 \pm 0.079$ GeV⁻¹c²

