

Events / (0.025 GeV/c²)

$6.5 < p_T^{\mu\mu} < 50.0$ GeV/c, $|y^{\mu\mu}| < 2.4$, Cent. 0 - 90%

$N_{J/\psi} = 14640 \pm 141$, $N_{\text{Bkg}} = 4375 \pm 98$

$m_{J/\psi} = 3.0924 \pm 0.0003$

$\alpha_{J/\psi} = 1.9564$ (fixed)

$f_{J/\psi} = 0.4341$ (fixed)

$n_{J/\psi} = 1.4504$ (fixed)

$\sigma_{1J/\psi} = 23.42 \pm 0.26$ MeV/c², $(\sigma_2/\sigma_1)_{J/\psi} = 2.015$ (fixed)

• Data

— Total

- - - Background

10⁴

10³

10²

Pull

2.6

2.7

2.8

2.9

3.0

3.1

3.2

3.3

3.4

3.5

$m_{\mu^+\mu^-}$ (GeV/c²)

$\chi^2/\text{ndof} = 52 / 30$