

Events / (0.0222222 GeV/c²)

$6.5 < p_T^{\mu\mu} < 30.0$ GeV/c

$|y^{\mu\mu}| < 1.6$

Cent. 10 - 20%

● Data

— Total fit

--- Background

— J/ψ Prompt

— J/ψ Non-Prompt

$N_{\psi(2S)} = 645 \pm 80$

$N_{\text{Bkg}} = 17699 \pm 153$

$b_{\psi(2S)} = 0.3805 \pm 0.0179$

Pull

$\chi^2/\text{ndof} = 39 / 34$

3.3

3.4

3.5

3.6

$m_{\mu^+\mu^-}$ (GeV/c²)

3.8

3.9

4.0

4.1

