

Events / (0.025 GeV/c²)

$6.5 < p_T^{\mu\mu} < 40.0$ GeV/c, $|y^{\mu\mu}| < 1.6$, Cent. 40 - 50%

$N_{\psi(2S)} = 12271 \pm 120$, $N_{\text{Bkg}} = 4448 \pm 81$

$m_{\psi(2S)} = 3.0930 \pm 0.0003$

$\alpha_{\psi(2S)} = 1.8972$ (fixed)

$f_{\psi(2S)} = 0.6844$ (fixed)

$n_{\psi(2S)} = 1.2618$ (fixed)

$\sigma 1_{\psi(2S)} = 24.11 \pm 0.25$ MeV/c², $(\sigma 2/\sigma 1)_{\psi(2S)} = 1.803$ (fixed)

• Data

— Total

- - - Background

Pull

$\chi^2/\text{ndof} = 33 / 31$

$m_{\mu^+\mu^-}$ (GeV/c²)

