

Events / (0.025 GeV/c²)

$6.5 < p_T^{\mu\mu} < 50.0$ GeV/c, $|y^{\mu\mu}| < 1.6$, Cent. 40 - 50%

$N_{\psi(2S)} = 12306 \pm 120$, $N_{\text{Bkg}} = 4443 \pm 81$

$m_{\psi(2S)} = 3.0925 \pm 0.0003$

$\alpha_{\psi(2S)} = 1.7454$ (fixed)

$f_{\psi(2S)} = 0.4785$ (fixed)

$n_{\psi(2S)} = 1.4626$ (fixed)

$\sigma 1_{\psi(2S)} = 41.86 \pm 0.44$ MeV/c², $(\sigma 2 / \sigma 1)_{\psi(2S)} = 0.535$ (fixed)

• Data

— Total

- - - Background

