

Events / (0.025 GeV/c²)

$6.5 < p_T^{\mu\mu} < 40.0$ GeV/c, $|y^{\mu\mu}| < 1.6$, Cent. 10 - 20%

$N_{\psi(2S)} = 10320 \pm 115$, $N_{\text{Bkg}} = 7148 \pm 100$

$m_{\psi(2S)} = 3.0940 \pm 0.0003$

$\alpha_{\psi(2S)} = 1.9622$ (fixed)

$f_{\psi(2S)} = 0.7736$ (fixed)

$n_{\psi(2S)} = 1.2209$ (fixed)

$\sigma_{\psi(2S)} = 25.11 \pm 0.31$ MeV/c², $(\sigma_2/\sigma_1)_{\psi(2S)} = 1.941$ (fixed)

• Data

— Total

- - - Background

