

Events / (0.025 GeV/c²)

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

$N_{\psi(2S)} = 14352 \pm 137$, $N_{\text{Bkg}} = 10581 \pm 122$

$m_{\psi(2S)} = 3.0922 \pm 0.0003$

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

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

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

$\sigma 1_{\psi(2S)} = 25.00 \pm 0.27$ MeV/c², $(\sigma 2 / \sigma 1)_{\psi(2S)} = 1.941$ (fixed)

• Data

— Total

- - - Background

