

Events / (0.025 GeV/c²)

$3.5 < p_T^{\mu\mu} < 40.0$ GeV/c; $1.6 < |y^{\mu\mu}| < 2.4$; Cent. 30 - 50%

$N_{\psi(2S)} = 10248 \pm 161$, $N_{\text{Bkg}} = 13797 \pm 172$

$m_{\psi(2S)} = 3.0919 \pm 0.0007$

$\alpha_{\psi(2S)} = 2.0976$ (fixed)

$f_{\psi(2S)} = 0.7737$ (fixed)

$n_{\psi(2S)} = 1.1681$ (fixed)

$\sigma 1_{\psi(2S)} = 43.87 \pm 0.70$ MeV/c², $(\sigma 2/\sigma 1)_{\psi(2S)} = 1.658$ (fixed)

• Data

— Total

- - - Background

