

Events / (0.0222222 GeV/c²)

$3.5 < p_T^{\mu\mu} < 40.0$ GeV/c; $1.6 < |y^{\mu\mu}| < 2.4$; Cent. 30 - 40%

$N_{\psi(2S)} = 527 \pm 125$, $N_{\text{Bkg}} = 30182 \pm 216$

$m_{\psi(2S)} = 3.6856 \pm 0.0071$

$\alpha_{\psi(2S)} = 1.6993$ (fixed)

$f_{\psi(2S)} = 0.3460$ (fixed)

$n_{\psi(2S)} = 2.9096$ (fixed)

$\sigma 1_{\psi(2S)} = 47.29 \pm 11.27$ MeV/c², $(\sigma 2/\sigma 1)_{\psi(2S)} = 0.648$ (fixed)

• Data

— Total

- - - Background

