

Events / (0.0222222 GeV/c²)

$3.5 < p_T^{\mu\mu} < 40.0$ GeV/c; $1.6 < |y^{\mu\mu}| < 2.4$; Cent. 0 - 90%

$N_{\psi(2S)} = 1527 \pm 297$, $N_{\text{Bkg}} = 164764 \pm 499$

$m_{\psi(2S)} = 3.6629 \pm 0.0108$

$\alpha_{\psi(2S)} = 1.6783$ (fixed)

$f_{\psi(2S)} = 0.5213$ (fixed)

$n_{\psi(2S)} = 2.7625$ (fixed)

$\sigma 1_{\psi(2S)} = 43.98 \pm 0.58$ MeV/c², $(\sigma 2/\sigma 1)_{\psi(2S)} = 1.512$ (fixed)

$I_{\psi(2S)} < 0.0235$

• Data

— Total

- - - Background

