

Events / (0.0222222 GeV/c²)

$3.5 < p_T^{\mu\mu} < 40.0$ GeV/c; $1.6 < |y^{\mu\mu}| < 2.4$; Cent. 10 - 30%

$N_{\psi(2S)} = 974 \pm 156$, $N_{\text{Bkg}} = 40018 \pm 253$

$m_{\psi(2S)} = 3.6726 \pm 0.0094$

$\alpha_{\psi(2S)} = 1.5150$ (fixed)

$f_{\psi(2S)} = 0.8088$ (fixed)

$n_{\psi(2S)} = 4.0844$ (fixed)

$\sigma_{1\psi(2S)} = 50.34 \pm 1.98$ MeV/c², $(\sigma_2/\sigma_1)_{\psi(2S)} = 1.680$ (fixed)

$\sigma_{\psi(2S)} = 0.0505$

• Data

— Total

- - - Background

