

Events / (0.0222222 GeV/c²)

$3.5 < p_T^{\mu\mu} < 50.0$ GeV/c; $1.6 < |y^{\mu\mu}| < 2.4$; Cent. 20 - 30%

$N_{\psi(2S)} = 996 \pm 263$, $N_{\text{Bkg}} = 54154 \pm 350$

$m_{\psi(2S)} = 3.6487 \pm 0.0184$

$\alpha_{\psi(2S)} = 2.3557$ (fixed)

$f_{\psi(2S)} = 0.5025$ (fixed)

$n_{\psi(2S)} = 0.2734$ (fixed)

$\sigma1_{\psi(2S)} = 62.68 \pm 7.27$ MeV/c², $(\sigma2/\sigma1)_{\psi(2S)} = 1.694$ (fixed)

● Data

— Total

- - - Background

