

Events / (0.0222222 GeV/c²)

$3.5 < p_T^{\mu\mu} < 50.0$ GeV/c; $1.6 < |y^{\mu\mu}| < 2.4$; Cent. 10 - 20%

$N_{\psi(2S)} = 1187 \pm 237$, $N_{\text{Bkg}} = 81797 \pm 371$

$m_{\psi(2S)} = 3.6737 \pm 0.0108$

$\alpha_{\psi(2S)} = 1.5293$ (fixed)

$f_{\psi(2S)} = 0.6549$ (fixed)

$n_{\psi(2S)} = 3.7729$ (fixed)

$\sigma 1_{\psi(2S)} = 62.31 \pm 5.73$ MeV/c², $(\sigma 2/\sigma 1)_{\psi(2S)} = 0.666$ (fixed)

• Data

— Total

- - - Background

