

Events / (0.0222222 GeV/c²)

$3.5 < p_T^{\mu\mu} < 50.0$ GeV/c; $1.6 < |y^{\mu\mu}| < 2.4$; Cent. 30 - 40%

$N_{\psi(2S)} = 526 \pm 126$, $N_{\text{Bkg}} = 29917 \pm 217$

$m_{\psi(2S)} = 3.6866 \pm 0.0068$

$\alpha_{\psi(2S)} = 1.6711$ (fixed)

$f_{\psi(2S)} = 0.3360$ (fixed)

$n_{\psi(2S)} = 3.1396$ (fixed)

$\sigma 1_{\psi(2S)} = 46.00 \pm 11.45$ MeV/c², $(\sigma 2/\sigma 1)_{\psi(2S)} = 0.649$ (fixed)

• Data

— Total

- - - Background

$\chi^2/\text{ndof} = 24 / 30$

