

Events / (0.025 GeV/c²)

$6.5 < p_T^{\mu\mu} < 40.0$ GeV/c, $|y^{\mu\mu}| < 1.6$, Cent. 0 - 10%

$N_{\psi(2S)} = 13332 \pm 137$, $N_{\text{Bkg}} = 12987 \pm 136$

$m_{\psi(2S)} = 3.0919 \pm 0.0003$

$\alpha_{\psi(2S)} = 1.4290$ (fixed)

$f_{\psi(2S)} = 0.2954$ (fixed)

$n_{\psi(2S)} = 1.5199$ (fixed)

$\sigma 1_{\psi(2S)} = 52.12 \pm 0.61$ MeV/c², $(\sigma 2/\sigma 1)_{\psi(2S)} = 0.471$ (fixed)

• Data

— Total

- - - Background

