

Events / (0.0222222 GeV/c²)

$5.0 < p_T^{\mu\mu} < 6.5 \text{ GeV/c}; 1.6 < |y^{\mu\mu}| < 2.4; \text{Cent. 0 - 90\%}$

$N_{\psi(2S)} = 1482 \pm 401, N_{\text{Bkg}} = 78626 \pm 533$

$m_{\psi(2S)} = 3.6512 \pm 0.0106$

$\alpha_{\psi(2S)} = 1.5521 \text{ (fixed)}$

$f_{\psi(2S)} = 0.4727 \text{ (fixed)}$

$n_{\psi(2S)} = 3.6310 \pm 0.7818$

$\sigma1_{\psi(2S)} = 75.67 \pm 17.97 \text{ MeV/c}^2, (\sigma2/\sigma1)_{\psi(2S)} = 0.709 \text{ (fixed)}$

• Data

— Total

- - - Background

