

Events / (0.025 GeV/c²)

$6.5 < p_T^{\mu\mu} < 50.0$ GeV/c, $|y^{\mu\mu}| < 1.6$, Cent. 20 - 30%

$N_{\psi(2S)} = 24012 \pm 173$, $N_{\text{Bkg}} = 13955 \pm 141$

$m_{\psi(2S)} = 3.0932 \pm 0.0002$

$\alpha_{\psi(2S)} = 1.7433$ (fixed)

$f_{\psi(2S)} = 0.4354$ (fixed)

$n_{\psi(2S)} = 1.4111$ (fixed)

$\sigma_{\psi(2S)} = 44.81 \pm 0.35$ MeV/c², $(\sigma/2)/\sigma_{\psi(2S)} = 0.515$ (fixed)

• Data

— Total

- - - Background

