

Events / (0.0222222 GeV/c²)

$20.0 < p_T^{\mu\mu} < 50.0$ GeV/c, $|y^{\mu\mu}| < 1.6$

$N_{\psi(2S)} = 4425 \pm 99$, $N_{\text{Bkg}} = 7437 \pm 113$

$m_{\psi(2S)} = 3.6838 \pm 0.0007$

$\alpha_{\psi(2S)} = 2.1412$ (fixed)

$f_{\psi(2S)} = 0.2528$ (fixed)

$n_{\psi(2S)} = 1.3883$ (fixed)

$\sigma 1_{\psi(2S)} = 58.27 \pm 1.43$ MeV/c², $(\sigma 2/\sigma 1)_{\psi(2S)} = 0.496$ (fixed)

• Data

— Total

- - - Background

$\chi^2/\text{ndof} = 39 / 30$

