

Events / (0.0222222 GeV/c²)

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

$N_{\psi(2S)} = 4434 \pm 102$, $N_{\text{Bkg}} = 7428 \pm 115$

$m_{\psi(2S)} = 3.6835 \pm 0.0007$

$\alpha_{\psi(2S)} = 1.5945$ (fixed)

$f_{\psi(2S)} = 0.3436$ (fixed)

$n_{\psi(2S)} = 2.0022$ (fixed)

$\sigma_{1\psi(2S)} = 55.18 \pm 1.37$ MeV/c², $(\sigma_{2/3/4/5})_{\psi(2S)} = 0.505$ (fixed)

• Data

— Total

- - - Background

$\chi^2/\text{ndof} = 39 / 29$

Pull

$m_{\mu^+\mu^-}$ (GeV/c²)

