

Events / (0.0222222 GeV/c²)

$$6.5 < p_T^{\mu\mu} < 40.0 \text{ GeV/c}, |y^{\mu\mu}| < 1.6$$

$$N_{\psi(2S)} = 38269 \pm 365, N_{\text{Bkg}} = 81535 \pm 420$$

$$m_{\psi(2S)} = 3.6831 \pm 0.0003$$

$$\alpha_{\psi(2S)} = 1.9934 \pm 0.0365$$

$$f_{\psi(2S)} = 0.4303 \text{ (fixed)}$$

$$n_{\psi(2S)} = 1.4209 \text{ (fixed)}$$

$$\sigma_{1\psi(2S)} = 50.28 \pm 0.47 \text{ MeV/c}^2, (\sigma_{2/3})_{\psi(2S)} = 0.534 \text{ (fixed)}$$

• Data

— Total

- - - Background

