

Events / (0.0222222 GeV/c²)

$$9.0 < p_T^{\mu\mu} < 12.0 \text{ GeV/c}, |y^{\mu\mu}| < 1.6$$

$$N_{\psi(2S)} = 33596 \pm 272, N_{\text{Bkg}} = 53259 \pm 306$$

$$m_{\psi(2S)} = 3.6820 \pm 0.0003$$

$$\alpha_{\psi(2S)} = 1.9909 \text{ (fixed)}$$

$$f_{\psi(2S)} = 0.4225 \text{ (fixed)}$$

$$n_{\psi(2S)} = 1.4960 \text{ (fixed)}$$

$$\sigma_{1\psi(2S)} = 48.72 \pm 0.44 \text{ MeV/c}^2, (\sigma_{2/\sigma_1})_{\psi(2S)} = 0.527 \text{ (fixed)}$$

• Data

— Total

- - - Background

