

Events / ( 0.0222222 GeV/c<sup>2</sup> )

$3.5 < p_T^{\mu\mu} < 40.0$  GeV/c;  $1.6 < |y^{\mu\mu}| < 2.4$ ; Cent. 0 - 10%

$N_{\psi(2S)} = 905 \pm 213$ ,  $N_{\text{Bkg}} = 39093 \pm 311$

$m_{\psi(2S)} = 3.6767 \pm 0.0126$

$\alpha_{\psi(2S)} = 1.2535$  (fixed)

$f_{\psi(2S)} = 0.3541$  (fixed)

$n_{\psi(2S)} = 7.7275$  (fixed)

$\sigma 1_{\psi(2S)} = 52.05 \pm 7.88$  MeV/c<sup>2</sup>,  $(\sigma 2/\sigma 1)_{\psi(2S)} = 1.343$  (fixed)

$\epsilon_{\psi(2S)} > 0.0395$

• Data

— Total

- - - Background

