

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

$3.5 < p_T^{\mu\mu} < 50.0$  GeV/c;  $1.6 < |y^{\mu\mu}| < 2.4$ ; Cent. 30 - 40%

$N_{\psi(2S)} = 562 \pm 135$ ,  $N_{\text{Bkg}} = 30409 \pm 223$

$m_{\psi(2S)} = 3.6862 \pm 0.0070$

$\alpha_{\psi(2S)} = 1.6711$  (fixed)

$f_{\psi(2S)} = 0.3360$  (fixed)

$n_{\psi(2S)} = 3.1396$  (fixed)

$\sigma1_{\psi(2S)} = 49.14 \pm 12.01$  MeV/c<sup>2</sup>,  $(\sigma2/\sigma1)_{\psi(2S)} = 0.649$  (fixed)

• Data

— Total

- - - Background

