

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. 10 - 30%

$N_{\psi(2S)} = 1032 \pm 170$ ,  $N_{\text{Bkg}} = 48518 \pm 277$

$m_{\psi(2S)} = 3.6723 \pm 0.0090$

$\alpha_{\psi(2S)} = 1.5150$  (fixed)

$f_{\psi(2S)} = 0.8088$  (fixed)

$n_{\psi(2S)} = 4.0844$  (fixed)

$\sigma1_{\psi(2S)} = 49.37 \pm 1.48$  MeV/c<sup>2</sup>,  $(\sigma2/\sigma1)_{\psi(2S)} = 1.680$  (fixed)

$|y^{\psi(2S)}| > 0.375$

• Data

— Total

- - - Background

