

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. 20 - 30%

$N_{\psi(2S)} = 997 \pm 241$ ,  $N_{\text{Bkg}} = 54148 \pm 348$

$m_{\psi(2S)} = 3.6494 \pm 0.0168$

$\alpha_{\psi(2S)} = 1.5227$  (fixed)

$f_{\psi(2S)} = 0.1464$  (fixed)

$n_{\psi(2S)} = 3.7549$  (fixed)

$\sigma1_{\psi(2S)} = 128.19 \pm 21.25$  MeV/c<sup>2</sup>,  $(\sigma2/\sigma1)_{\psi(2S)} = 0.568$  (fixed)

● Data

— Total

- - - Background

