

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. 20 - 30%

$N_{\psi(2S)} = 996 \pm 263$ ,  $N_{\text{Bkg}} = 54154 \pm 350$

$m_{\psi(2S)} = 3.6487 \pm 0.0184$

$\alpha_{\psi(2S)} = 2.3557$  (fixed)

$f_{\psi(2S)} = 0.5025$  (fixed)

$n_{\psi(2S)} = 0.2734$  (fixed)

$\sigma 1_{\psi(2S)} = 62.68 \pm 7.27$  MeV/c<sup>2</sup>,  $(\sigma 2/\sigma 1)_{\psi(2S)} = 1.694$  (fixed)

● Data

— Total

- - - Background

