

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

$12.0 < p_T^{\mu\mu} < 50.0$  GeV/c;  $1.6 < |y^{\mu\mu}| < 2.4$ ;

$N_{\psi(2S)} = 8633 \pm 190$ ,  $N_{\text{Bkg}} = 14973 \pm 206$

$m_{\psi(2S)} = 3.6795 \pm 0.0009$

$\alpha_{\psi(2S)} = 2.3308$  (fixed)

$f_{\psi(2S)} = 0.5397$  (fixed)

$n_{\psi(2S)} = 0.7829$  (fixed)

$\sigma 1_{\psi(2S)} = 68.77 \pm 1.45$  MeV/c<sup>2</sup>;  $(\sigma 2/\sigma 1)_{\psi(2S)} = 0.654$  (fixed)

• Data

— Total

- - - Background

$\chi^2/\text{ndof} = 30 / 30$

