

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

$12.0 < p_T^{\mu\mu} < 15.0$  GeV/c

$|y^{\mu\mu}| < 1.6$

$n_{\psi(2S)} = 14479 \pm 202$

$n_{\text{Bkg}} = 21676 \pm 219$

$10^4$

$10^3$

Pull

2

0

-2

$\chi^2/\text{ndof} = 36 / 28$

3.3

3.4

3.5

3.6

3.7

3.8

3.9

4.0

4.1

$m_{\mu^+\mu^-}$  (GeV/c<sup>2</sup>)

