

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

$20.0 < p_T^{\mu\mu} < 25.0$  GeV/c

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

$n_{\psi(2S)} = 2457 \pm 65$

$n_{\text{Bkg}} = 4332 \pm 78$

$10^3$

$10^2$

Pull

2

0

-2

$\chi^2/\text{ndof} = 52 / 31$

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>)

