

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

$25.0 < p_T^{\mu\mu} < 50.0$  GeV/c

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

$n_{\psi(2S)} = 1863 \pm 68$

$n_{\text{Bkg}} = 3209 \pm 77$

10<sup>3</sup>

10<sup>2</sup>

Pull

2

0

-2

$\chi^2/\text{ndof} = 34 / 29$

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>)

