

Events / (0.0222222 GeV/c²)

$$6.5 < p_T^{\mu\mu} < 9.0 \text{ GeV}/c$$

$$1.6 < |y^{\mu\mu}| < 2.4$$

$$n_{\psi(2S)} = 30240 \pm 397$$

$$n_{\text{Bkg}} = 69899 \pm 444$$

10⁴

10³

Pull

2

0

-2

$$\chi^2/\text{ndof} = 91 / 30$$

3.3 3.4 3.5 3.6 3.7 3.8 3.9 4 4.1

$m_{\mu^+\mu^-} \text{ (GeV}/c^2\text{)}$