

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

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

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

$$n_{\psi(2S)} = 38133 \pm 284$$

$$n_{\text{Bkg}} = 93532 \pm 369$$

10<sup>4</sup>

Pull

2  
0  
-2

$$\chi^2/\text{ndof} = 85 / 31$$

3.3 3.4 3.5 3.6 3.7 3.8 3.9 4 4.1  
 $m_{\mu^+\mu^-} \text{ (GeV}/c^2\text{)}$

