

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

$$3.5 < p_T^{\mu\mu} < 6.5 \text{ GeV}/c$$

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

$$n_{\psi(2S)} = 2412 \pm 593$$

$$n_{\text{Bkg}} = 242921 \pm 764$$

Pull

$$\chi^2/\text{ndof} = 41 / 29$$

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

