

**CMS** Preliminary

Centrality 0-90%

 $0.0 < |y| < 2.4$  $12 < p_{\text{T}} < 20 \text{ GeV}/c$ 

Helicity frame

 $-0.42 < \cos \theta < -0.14$  $60 < |\phi| < 120^\circ$ Events / (0.08 GeV/c<sup>2</sup>)

- Data
- Total fit
- $\Upsilon(1S)$
- $\Upsilon(2S)$
- $\Upsilon(3S)$
- Background

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