## **CMS** Preliminary PbPb 166 μb<sup>-1</sup> (2.76 TeV) $N_{\Upsilon(1S)} = 505 + /-34$ 450 Events / $(0.1~{ m GeV/c}^2)$ 0.4 < |y| < 0.8 $N_{\Upsilon(2S)} = 48 +/-25$ 400 $N_{\Upsilon(3S)} = 0 + /-3$ 350 decay = 6.8 + / -0.8 $p_{T}^{\mu_{1}} > 3.5 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.443 + -0.006$ 300 $p_{_{\rm T}}^{\dot{\mu}_{_2}} > 4.0 \text{ GeV/c}$ $n_{Bkgd} = 9642 + /- 107$ 250 turnOn = 7.5 + /- 0.2width = 2.1 + / - 0.3200 150 100 50 $\chi^2$ /ndf = 56.4/56 9 10 12 13 $m_{\mu\mu}$ [GeV/c<sup>2</sup>]