CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $\sigma_{CB2} / \sigma_{CB1} = 2.5 + -0.3$ 500 Events / (0.1 GeV/c^2) Cent. 10-30% $N_{\Upsilon(1S)} = 829 + -42$ $p_{_{\rm T}} > 0$ $N_{\Upsilon(2S)} = 68 + /-28$ |y| < 2.4400 $N_{\Upsilon(3S)} = -3 +/- 26$ $p_{_{T}}^{\mu_{_{1}}} > 4.0 \text{ GeV/c}$ decay = 6.1 + -0.9 $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.455 + -0.005$ 300 $n_{Bkgd} = 7974 + /- 104$ turnOn = 7.9 + /- 0.3200 width = 2.5 + /- 0.3100 χ^2 /ndf = 59.7/55 9 10 12 13 $m_{\mu\mu}$ [GeV/c²]