CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $\sigma_{CB2} / \sigma_{CB1} = 2.1 + -0.4$ 200 Events / (0.1 GeV/c^2) Cent. 20-30% $N_{\Upsilon(1S)} = 324 +/-32$ $p_{\tau} > 0$ $N_{\Upsilon(2S)} = 30 + /- 17$ |y| < 2.4 $N_{\Upsilon(3S)} = 9 + /- 16$ 150 $p_{_{T}}^{\mu_{_{1}}} > 4.0 \text{ GeV/c}$ decay = 8 + / - 6 $p_{_{T}}^{\mu_{_{2}}} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.449 + -0.008$ $n_{Bkgd} = 2924 + -68$ 100 turnOn = 7.7 + / - 0.4width = 2.3 + / - 0.550 0 χ^2 /ndf = 53.9/55 9 10 12 13 $m_{\mu\mu}$ [GeV/c²]