CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $\sigma_{CB2} / \sigma_{CB1} = 2 + 1 - 1$ Events / (0.1 GeV/c^2) $5.0 < p_{_{ m T}} < 8.0$ 250 $N_{\Upsilon(1S)} = 373 + -29$ |y| < 2.4 $N_{\Upsilon(2S)} = 10 + /- 19$ $N_{\Upsilon(3S)} = 16 + /-19$ 200 p_τ^μ, > 4.0 GeV/c decay = 7.8 + / - 0.9 $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.447 +/- 0.008$ 150 $n_{Bkgd} = 4963 + -80$ turnOn = 5.8 + / - 0.7width = 2.0 + / - 1.0100 50 χ^2 /ndf = 55.1/55 9 10 12 13 $m_{\mu\mu}$ [GeV/c²]