CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $\alpha_{CB} = 0.8 + - 0.2$ 450 Events / (0.1 GeV/c^2) $5.0 < p_{_{ m T}} < 8.0$ $N_{\Upsilon(1S)} = 609 + -55$ 400 |y| < 2.4 $N_{\Upsilon(2S)} = 29 + /- 29$ 350 $N_{\Upsilon(3S)} = 1 + /- 28$ $p_{T}^{\mu_{1}} > 3.5 \text{ GeV/c}$ decay = 6.03 + / -0.09300 $p_{_{\rm T}}^{\dot{\mu}_{_2}} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.448 + -0.007$ 250 $n_{Bkgd} = 10642 + /- 122$ turnOn = 3 +/- 2200 width = 15 + / - 12150 100 50 0 χ^2 /ndf = 80.5/55 9 10 12 13 11 $m_{\mu\mu}$ [GeV/c²]