CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $\sigma_{CB1} = 0.07 + -0.01$ Events / ($0.1~{ m GeV/c}^2$) 25 $20.0 < p_{_{ m T}} < 40.0$ $N_{\Upsilon(1S)} = 45 + /-8$ |y| < 2.4 $N_{\Upsilon(2S)} = 5 + -4$ 20 $N_{\Upsilon(3S)} = 5 + /-3$ $p_{T}^{\mu_{1}} > 4.0 \text{ GeV/c}$ decay = 25 + / - 15 $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.45 + -0.02$ 15 $n_{Bkgd} = 113 +/- 12$ turnOn = 0 +/- 2width = 3 + / - 110 5 03 χ^2 /ndf = 18.6/45 Pull 10 12 $m_{\mu\mu}$ [GeV/c²]