CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $N_{\Upsilon(1S)} = 369 + 129$ Events / (0.1 GeV/c^2) $5.0 < p_{_{ m T}} < 8.0$ 250 $N_{\Upsilon(2S)} = 10 + /- 19$ |y| < 2.4 $N_{\Upsilon(3S)} = 15 + /- 19$ decay = 7.7 + / -0.8200 p_τ^μ, > 4.0 GeV/c $m_{\Upsilon(1S)} = 9.447 +/- 0.008$ $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \text{ GeV/c}$ $n_{Bkgd} = 4968 + -80$ 150 $n_{CB} = 1.8 + /- 1.0$ turnOn = 5.8 + / - 0.7width = 2 + / - 1100 50 χ^2 /ndf = 54.3/55 9 10 11 12 13 $m_{\mu\mu}$ [GeV/c²]