CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $F_{pol} = 0.00011 + -0.00004$ 25 Events / (0.1 GeV/c^2) $20.0 < p_{_{ m T}} < 40.0$ $N_{\Upsilon(1S)} = 45.08 + -0.03$ |y| < 2.4 $N_{\Upsilon(2S)} = 5.2 + /- 0.2$ 20 $N_{\Upsilon(3S)} = 4.6 + /- 0.2$ $p_{\tau}^{\mu_1} > 4.0 \text{ GeV/c}$ $a1_bkg = -0.50431 + /-0.0001$ $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \text{ GeV/c}$ decay = 16.64 + /- 0.0315 $m_{\Upsilon(1S)} = 9.45385 + -0.00006$ $n_{Bkgd} = 113.15 + -0.04$ turnOn = 0.0009 + /- 0.000310 width = 8.99995 + -0.0000075 χ^2 /ndf = 18.5/44 Pull 10 12 $m_{\mu\mu}$ [GeV/c²]