CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $F_{pol} = 0.96 + -0.08$ 50 Events / ($0.1~{ m GeV/c}^2$) 2.0 < |y| < 2.4 $N_{\Upsilon(1S)} = 132 +/-15$ $N_{\Upsilon(2S)} = 11 + /- 9$ 40 $N_{\Upsilon(3S)} = -8.8 + /-8$ 3.5 GeV/c $a1_bkg = -1.002 +/- 0.04$.0 GeV/c $a2_Bkg = 0.17 +/- 0.05$ 30 decay = 7 + / - 5 $m_{\Upsilon(1S)} = 9.44 +/- 0.03$ 20 $n_{Bkgd} = 773 + -29$ turnOn = 1 +/- 3width = 0 + / - 210 0 χ^2 /ndf = 54.5/52 9 10 11 12 13 $m_{\mu\mu}$ [GeV/c²]