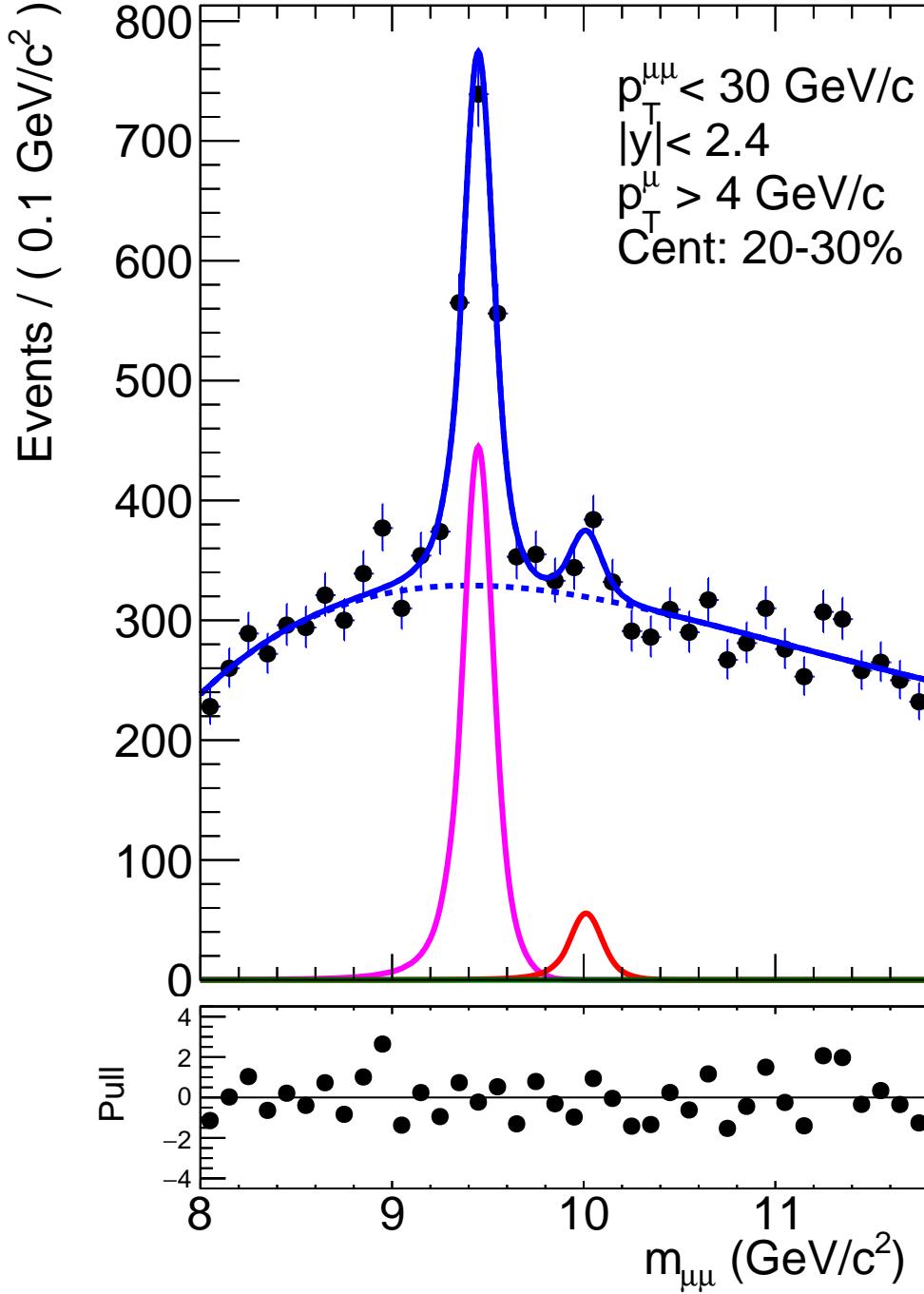


PbPb $L_{\text{int}} = 351 \mu\text{b}^{-1}$

$\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$



CMS
Preliminary

$N_{\gamma(1S)} = 1019 \pm 55$
$R_{2S} = 0.130 \pm 0.040$
$R_{3S} = 0.000 \pm 0.011$
$a1_bkg = -0.2310 \pm 0.015$
$a2_Bkg = -0.1578 \pm 0.016$
$a3_Bkg = 0.090 \pm 0.015$
$a4_Bkg = -0.0387 \pm 0.014$
$m_{\gamma(1S)} = 9.4497 \pm 0.0054$
Bkg: 159.1 ± 142