

PbPb $L_{\text{int}} = 464 \mu\text{b}^{-1}$

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

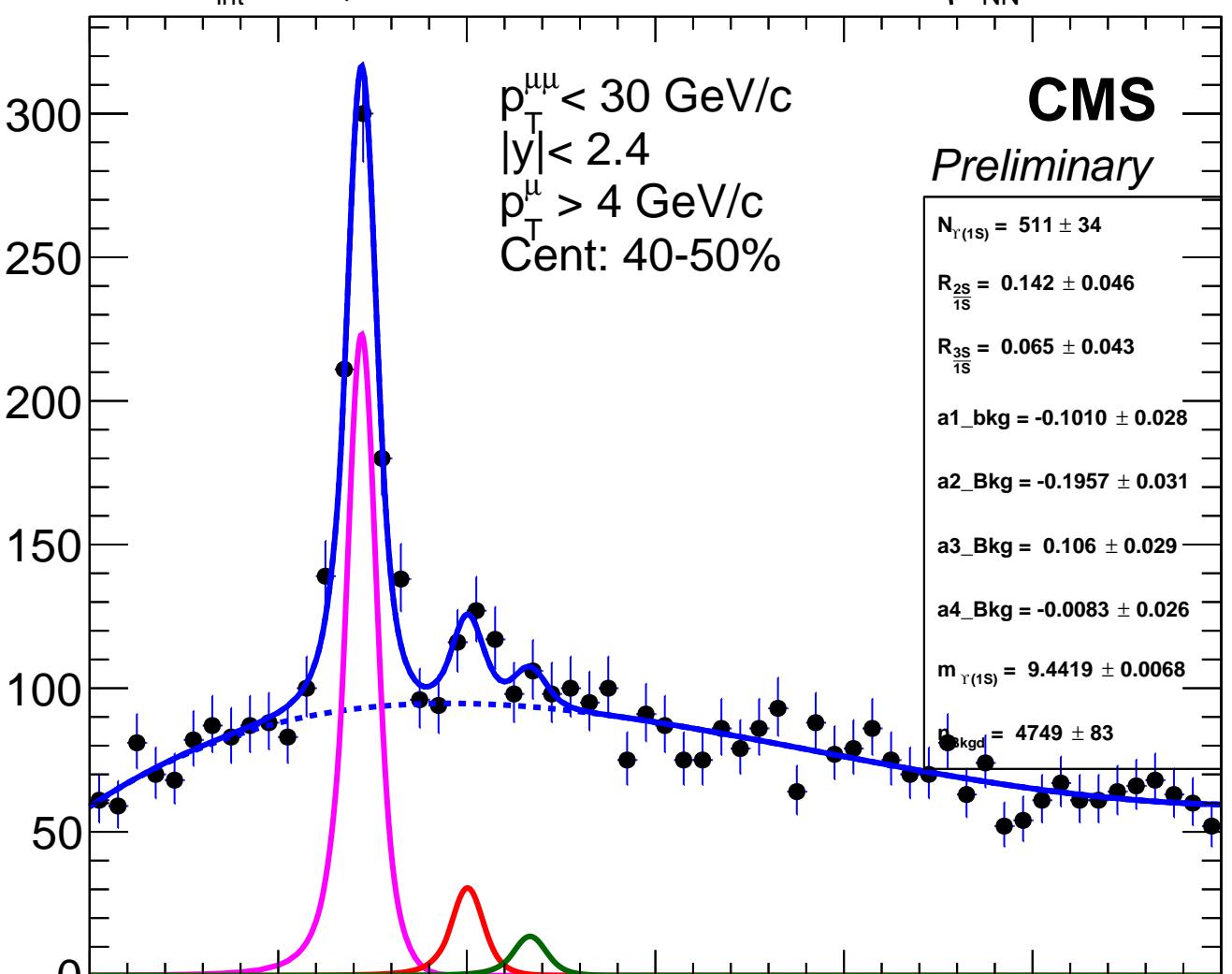
Events / (0.1 GeV/c²)

$p_T^{\mu\mu} < 30 \text{ GeV}/c$
 $|y| < 2.4$
 $p_T^\mu > 4 \text{ GeV}/c$
Cent: 40-50%

CMS

Preliminary

$N_{\gamma(1S)} = 511 \pm 34$
$R_{2S} = 0.142 \pm 0.046$
$R_{3S} = 0.065 \pm 0.043$
$a1_{\text{bkg}} = -0.1010 \pm 0.028$
$a2_{\text{Bkg}} = -0.1957 \pm 0.031$
$a3_{\text{Bkg}} = 0.106 \pm 0.029$
$a4_{\text{Bkg}} = -0.0083 \pm 0.026$
$m_{\gamma(1S)} = 9.4419 \pm 0.0068$
$D_{\text{bkgd}} = 4749 \pm 83$



Pull

$\chi^2/\text{ndf} = 36.9/50$

