

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

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

Events / (0.1 GeV/c²)

$p_{\text{T}}^{\mu\mu} < 30 \text{ GeV}/c$
 $|y| < 2.4$
 $p_{\text{T}}^{\mu} > 4 \text{ GeV}/c$
Cent: 60-70%

CMS

Preliminary

$N_{\gamma(1S)} = 199 \pm 18$
 $R_{\frac{2S}{1S}} = 0.164 \pm 0.057$
 $R_{\frac{3S}{1S}} = 0.030 \pm 0.049$
decay = 9.0 ± 3.2
 $m_{\gamma(1S)} = 9.4471 \pm 0.0091$
 $n_{\text{Bkgd}} = 954 \pm 37$
turnOn = 8.37 ± 0.27

Pull

$\chi^2/\text{ndf} = 32.4/52$

$m_{\mu\mu} \text{ (GeV}/c^2\text{)}$

