

pp $L_{\text{int}} = 26 \text{ pb}^{-1}$

$\sqrt{s} = 5.02 \text{ TeV}$

Events / (0.1 GeV/c²)

$p_{\text{T}}^{\mu\mu} < 30 \text{ GeV}/c$
 $1.2 < |y^{\mu\mu}| < 2.4$
 $p_{\text{T}}^{\mu} > 4 \text{ GeV}/c$

CMS

Preliminary

$N_{\gamma(1S)} = 14266 \pm 167$
 $R_{\frac{2S}{1S}} = 0.3173 \pm 0.0084$
 $R_{\frac{3S}{1S}} = 0.1621 \pm 0.0073$
decay = 4.88 ± 0.18
 $m_{\gamma(1S)} = 9.4415 \pm 0.0015$
 $n_{\text{Bkgd}} = 43853 \pm 292$
turnOn = 8.582 ± 0.041
width = 1.002 ± 0.052

