

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

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

Events / (0.1 GeV/c^2)

$p_{\text{T}}^{\mu\mu} < 30 \text{ GeV}/c$
 $|y| < 2.4$
 $p_{\text{T}}^{\mu} > 4 \text{ GeV}/c$
Cent: 70-100%

CMS

Preliminary

$N_{\text{r}(1\text{S})} = 101 \pm 15$
 $R_{\frac{2\text{S}}{1\text{S}}} = 0.26 \pm 0.12$
 $R_{\frac{3\text{S}}{1\text{S}}} = 0.00 \pm 0.15$
 $a1_bkg = 0.085 \pm 0.057$
 $a2_Bkg = -0.4233 \pm 0.064$
 $a3_Bkg = 0.196 \pm 0.058$
 $a4_Bkg = 0.010 \pm 0.055$
 $m_{\text{r}(1\text{S})} = 9.458 \pm 0.015$
 $n_{\text{Bkgd}} = 1020 \pm 36$

Pull

$\chi^2/\text{ndf} = 41.2/50$

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

