

CMS (Unpublished)

 $L = 19.7 \text{ fb}^{-1}$ $\sqrt{s} = 8 \text{ TeV}$ WED: $k_I = 35$, $k/M_{\text{Pl}} = 0.2$, elementary top, no r/H mixing— radion ($\Lambda_R = 3 \text{ TeV}$)— radion ($\Lambda_R = 1 \text{ TeV}$)

- - - RS1 KK-graviton

- - - Bulk KK-graviton

- - - ● - - - Observed 95% upper limit

..... Expected 95% upper limit

Expected limit $\pm 1\sigma$ Expected limit $\pm 2\sigma$ $X \rightarrow HH \rightarrow \gamma\gamma b\bar{b}$ $\sigma(pp \rightarrow X) \times \text{BR}(X \rightarrow HH) \text{ (fb)}$ 