

Events

**CMS Preliminary**L = 2.7 fb<sup>-1</sup> (13 TeV, 2015)**Light Jets CR** $\gamma$ +Jets $\gamma\gamma$ +Jets

QCD

Graviton  $M_\chi = 300$  GeVRadion  $M_\chi = 600$  GeVGraviton  $M_\chi = 900$  GeV+ Data (2.7 fb<sup>-1</sup>)

Stat. Uncertainty

VBF H( $\gamma\gamma$ )VH( $\gamma\gamma$ )ggH( $\gamma\gamma$ )ttH( $\gamma\gamma$ )Z/ $\gamma^*$ +Jets

Data/MC

0

1

2

3

4

5

6

7

8

9

10

 $\Delta R$  between photons