

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

 $\eta(j_1)^3$ 180  
160  
140  
120  
100  
80  
60  
40  
20

-3

-2.5

-2

-1.5

-1

-0.5

0

0.5

1

1.5

2

2.5