

Events

CMS PreliminaryL = 2.7 fb⁻¹ (13 TeV, 2015)**Light Jets CR** γ +Jets $\gamma\gamma$ +Jets

QCD

Graviton $M_\chi = 300$ GeVRadion $M_\chi = 600$ GeVGraviton $M_\chi = 900$ GeV+ Data (2.7 fb⁻¹)

Stat. Uncertainty

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

Data/MC

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1

SubLeading Photon γ MVA discriminant