

Events

CMS Preliminary $L = 2.7 \text{ fb}^{-1}$ (13 TeV, 2015)**Light Jets CR** γ +Jets $\gamma\gamma$ +Jets

QCD

Graviton $M_\chi = 300 \text{ GeV}$ Radion $M_\chi = 600 \text{ GeV}$ Graviton $M_\chi = 900 \text{ GeV}$ \blacktriangleup 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

Leading Photon γ MVA discriminant