

Events/(3.0 GeV)

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 \blacktriangleup Data (2.7 fb⁻¹)

Stat. Uncertainty

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

Data/MC

 $p_{T}(\gamma_2)$ [GeV]