

Events/(22.5 GeV)

CMS Preliminary
L = 2.7 fb⁻¹ (13 TeV, 2015)

γ +Jets
 $\gamma\gamma$ +Jets
QCD
Graviton $M_\chi = 300$ GeV
Radion $M_\chi = 600$ GeV
Graviton $M_\chi = 900$ GeV

⊕ Data (2.7 fb⁻¹)
Stat. Uncertainty
VBF H($\gamma\gamma$)
VH($\gamma\gamma$)
ggH($\gamma\gamma$)
ttH($\gamma\gamma$)
Z/ γ^* +Jets

Data/MC

100

200

300

400

500

600

700

800

900

1000

 \tilde{M}_χ (GeV)