

Events/(22.5 GeV)

CMS Preliminary

L = 2.7 fb⁻¹ (13 TeV, 2015)

Light Jets CR

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

M_χ (GeV)

