

Events/(22.5 GeV)

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 $M_\chi = 900 \text{ GeV}$

\dagger 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

$M(hh) \text{ [GeV]}$

