

Events/(118.75 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($\gamma\gamma$)

$Z/\gamma^* + \text{Jets}$

Data/MC

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

