

Events

CMS Preliminary $L = 3.7 \text{ fb}^{-1}$ (13 TeV, 2016)**Light Jets CR** $t\bar{t}H(\gamma\gamma)$ $Z/\gamma^* + \text{Jets}$ $\gamma + \text{Jets}$ $\gamma\gamma + \text{Jets}$

QCD

 \dagger Data (3.7 fb^{-1})

Stat. Uncertainty

VBF $H(\gamma\gamma)$ VH($\gamma\gamma$)ggH($\gamma\gamma$)

Data/MC

 10^5
 10^4
 10^3
 10^2
 10
 10^{-1}
 10^{-2}

0

0.2

0.4

0.6

0.8

1

1.2

1.4

1.6

1.8

2

Sum of b-tag of jet pair

