

138 fb⁻¹ (13 TeV) $\times 10^3$ CMS

Events/bin

Nonprompt [4270]

 $t\bar{t}W$ [816] $t\bar{t}H$ [621] $t\bar{t}$ [474]

Others [405]

VV [398]

VBS [217]

Data [6942]

Stat. unc.

g2HDM Signal

— $\rho_{tu} = 1.0$ - - - $\rho_{tc} = 1.0 (\times 5)$ $m_A = 350$ GeV

Interference

 $m_A - m_H = 50$ GeV

4

2

0

Obs/Exp

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1

CvsL (leading jet)

