







Events / 5.00 GeV

ATLAS Internal $\sqrt{s} = 13\text{TeV}, 140\text{ fb}^{-1}$ FCNC tqH $H \rightarrow \tau\tau$ TTH $\tau_{\text{had}}\tau_{\text{had}}$ $S\bar{S}$

SM Higgs

 $Z \rightarrow \tau\tau$ $t\bar{t}$ only τ_{sub} real

—•— data

Diboson

Rare

 $t\bar{t}V$

Fake

— $t\bar{t} \rightarrow bWuH \times 40$

Data/Bkg





