













Events / 20.00 GeV

 $\times 10^3$ **ATLAS** Internal $\sqrt{s} = 13\text{TeV}, 140\text{ fb}^{-1}$ FCNC  $t\bar{q}H \rightarrow \tau\tau$  $t_h \tau_{\text{lep}} \tau_{\text{had}} - 3j$ 

Other MC

b-jets fake  $\tau$  $\tau_W$ 

QCD Fake lep

 $t\bar{t} \rightarrow bWcH \times 40$  $t\bar{t} \rightarrow bWuH \times 30$  $t\bar{t}$ lepton fake  $\tau$ Other Fake  $\tau$ 

data

 $cg \rightarrow tH \times 2000$  $ug \rightarrow tH \times 500$ 

Data/Bkg

