

















Events / 15.00 GeV

ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$

$t_h \tau_{\text{lep}} \tau_{\text{had}} - 2j$

Other MC

b-jets fake τ

τ_W

QCD Fake lep

$\bar{t}t \rightarrow bWcH \times 200$

$ug \rightarrow tH \times 300$

$tuH WWZZ \times 700$

$\bar{t}t$

lepton fake τ

Other Fake τ

data

$cg \rightarrow tH \times 2000$

$\bar{t}t \rightarrow bWuH \times 200$

$tcH WWZZ \times 1000$

Data/Bkg

