

















Events / 20.00 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
 $\bar{t}t \rightarrow bWcH \times 10$
 $ug \rightarrow tH \times 8$
tuH WWZZ $\times 500$
 $t\bar{t}$
lepton fake τ
Other Fake τ
data
 $cg \rightarrow tH \times 50$
 $\bar{t}t \rightarrow bWuH \times 10$
tcH WWZZ $\times 400$

Data/Bkg

