



















Events / 0.50

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

$t_l \tau_{\text{had}} \tau_{\text{had}}$

Other MC  
lepton fake  $\tau$   
double fake  $\tau$   
—•— data  
 $cg \rightarrow tH \times 10$   
 $\bar{t}t \rightarrow bWuH \times 1$   
— tcH WWZZ  $\times 100$

b-jets fake  $\tau$   
 $\tau_W$   
Other Fake  $\tau$   
 $\bar{t}t \rightarrow bWcH \times 1$   
 $ug \rightarrow tH \times 3$   
tuH WWZZ  $\times 100$

Data/Bkg

