
















Events / 0.25

**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                              |  b-jets fake $\tau$                    |
|  lepton fake $\tau$                   |  $\tau_W$                             |
|  double fake $\tau$                   |  Other Fake $\tau$                    |
|  data                                 |  $\bar{t}t \rightarrow bWcH \times 3$ |
|  $cg \rightarrow tH \times 40$        |  $ug \rightarrow tH \times 8$         |
|  $\bar{t}t \rightarrow bWuH \times 3$ |  $tuH\text{ WWZZ} \times 100$         |
|  $tcH\text{ WWZZ} \times 50$          |   |

Data/Bkg

