





Events / 20.00 GeV

**ATLAS** Internal

$\sqrt{s} = 13\text{TeV}, 140\text{ fb}^{-1}$

FCNC  $tqH$   $H \rightarrow \tau\tau$

$t_h \tau_{\text{had}} \tau_{\text{had}}^{-2j} SS(\tau_{\text{had}})$

SM Higgs

$Z \rightarrow \tau\tau$

$t\bar{t}$

only  $\tau_{\text{sub}}$  real

data

Diboson

Rare

$t\bar{t}V$

Fake

$tcH$  merged $\times 60$

Data/Bkg







