







Events / 0.25

$\times 10^3$

ATLAS Internal

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

FCNC $t\bar{q}H \rightarrow \tau\tau$

$t_h \tau_{\text{lep}} \tau_{\text{had}} - 3j$

Other MC

b-jets fake τ

τ_W

QCD Fake lep

$\bar{t}t \rightarrow bWuH \times 70$

$\bar{t}t$

lepton fake τ

Other Fake τ

data

Data/Bkg

$\Delta R(\tau, \text{light-jet}, \text{min})$





