







Events / 0.30

ATLAS Internal $\sqrt{s} = 13\text{TeV}, 140\text{ fb}^{-1}$ FCNC tqH $H \rightarrow \tau\tau$ $t_h \tau_{\text{had}} \tau_{\text{had}}^{-3j} SS(\ell)$

SM Higgs

Diboson

Rare

 $t\bar{t}V$ $t\bar{t} \rightarrow bWuH \times 30$

W+jets

 $Z \rightarrow \tau\tau$ $t\bar{t}$

data

60

50

40

30

20

10

0

Data/Bkg

1.4

1.2

1.0

0.8

0.6

0

0.5

1

1.5

2

2.5

3

 $\Delta\phi(\tau\tau, P_{\text{miss}}^T)$ 



