

$e\tau_h$, high SVFIT mass41.5 fb⁻¹ (2017, 13 TeV) N_{events}

20000

15000

10000

5000

 $\mu \rightarrow \tau$ embedded $t\bar{t}$ (jet $\rightarrow \tau_h$)Diboson (jet $\rightarrow \tau_h$)

Bkg. stat. unc.

Observed

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

Diboson

 $10 \times gg \rightarrow H$ $Z \rightarrow l\bar{l}$ (jet $\rightarrow \tau_h$)

W+jets

QCD multijet

 $10 \times qq \rightarrow H$

1.4

1.2

0.8

Observed

 $10 \times ggH+bkg.$ $10 \times qqH+bkg.$

Bkg. stat. unc.

0

2

4

6

 N_{jet_r} 