

$\mu\tau_h$ , inclusive35.9 fb<sup>-1</sup> (2016, 13 TeV) $N_{\text{events}}$ 

30000

20000

10000

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

Bkg. stat. unc.

Observed

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

Diboson

 $10 \times gg \rightarrow H$  $Z \rightarrow ll$  (jet  $\rightarrow \tau_h$ )

W+jets

QCD multijet

 $10 \times qq \rightarrow H$ 

1.4

1.2

0.8

Observed

 $ggH + \text{bkg.}$  $qqH + \text{bkg.}$ 

Bkg. stat. unc.

0

2

4

6

 $N_{\text{jet}_r}$ 