

$\mu\tau_h$, inclusive41.5 fb⁻¹ (2017, 13 TeV) dN_{events}/dp_T (1/GeV)

15000

10000

5000

 $Z \rightarrow \tau\tau$ $t\bar{t}$ (jet $\rightarrow \tau_h$)

W+jets

Diboson ($\tau\tau$) $10 \times gg \rightarrow H$ $Z \rightarrow ll$ $t\bar{t}$ Diboson (jet $\rightarrow \tau_h$)

QCD multijet

 $10 \times qq \rightarrow H$ $Z \rightarrow ll$ (jet $\rightarrow \tau_h$) $t\bar{t}$ ($\tau\tau$)

Diboson

Bkg. stat. unc.

Observed

1.4

1.2

0.8

0

50

100

150

Visible di- τ p_T / GeV

Observed

 $ggH+bkg.$ $qqH+bkg.$

Bkg. stat. unc.