

$\mu\tau_h$ 41.5 fb $^{-1}$  (2017, 13 TeV) $N_{\text{evts}}$  $10^7$  $10^6$  $10^5$  $10^4$ 

CMS

Observed

Z  $\rightarrow \tau\tau$  (simulation) $t\bar{t}$ 

W + jets

Z  $\rightarrow \tau\tau$  (embedded)Z  $\rightarrow \ell\ell$ 

Diboson

QCD

1.4

1.2

1.0

0.8

Bkg. (embedded) unc.

Obs./Bkg. (simulation)

Obs./Bkg. (embedded)

0

2

4

 $N_{\text{jet}} (p_T^{\text{jet}} > 30 \text{ GeV})$