

137 fb⁻¹ (13 TeV) $\times 10^3 e\tau_h: \text{Jet} \rightarrow \tau_h$ $\frac{dN_{\text{evts}}}{dy_{\text{Jet} \rightarrow \tau_h}}$ **CMS**

● Observed

Z/t \bar{t} /diboson ($\tau\tau$)Z \rightarrow llt \bar{t} ($l\tau$)Diboson ($l\tau$)Jet $\rightarrow \tau_h$

Single h

Bkg.unc.

100

50

0

Purity

1.0

0.5

0.0

 $\frac{\text{Observed}}{\text{Background}}$

1.5

1.0

0.5

0.2

0.4

0.6

0.8

1.0

 $y_{\text{Jet} \rightarrow \tau_h}$ 