

$\times 10^3 e\tau_h: \tau\tau$ 137 fb⁻¹ (13 TeV) $\frac{dN_{\text{evts}}}{y_{\tau\tau}}$

40

30

20

10

0

CMS*Preliminary*

● Observed

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

Single h

Bkg.unc.

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

 $y_{\tau\tau}$ 