

137.0 fb<sup>-1</sup> (13 TeV) $\times 10^3$ 

Events/bin

**CMS***Preliminary***Observed** $e\tau_\mu$ , 1 jet $Z \rightarrow ee/\mu\mu$ 

EWKW/Z

W+Jets/QCD

 $H \rightarrow e\tau$  (B=5%) $Z \rightarrow \tau\tau$  $t\bar{t}, t+\text{jets}$ 

Diboson

SM Higgs

Bkg. unc.

Obs./Exp.

BDT Discriminator

