

137 fb⁻¹ (13 TeV) $\times 10^3$

Events/bin

CMS Preliminary

Observed

 $Z \rightarrow ee/\mu\mu$

EWKW/Z

W+Jets/QCD

 $H \rightarrow e\tau$ (B=10%) $Z \rightarrow \tau\tau$ $t\bar{t}, t+\text{jets}$

Diboson

SM Higgs

Bkg. unc.

70

60

50

40

30

20

10

0

0

50

100

150

200

 $M_T[\tau, \text{MET}] [\text{GeV}]$ $e\tau_h$