

137.0 fb⁻¹ (13 TeV)

$\times 10^3$

Events/bin

CMS

Preliminary

Observed

$e\tau_\mu$, 0 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.

100

80

60

40

20

0

Obs./Exp.

1.2

1.1

1.0

0.9

0.8

-0.6

-0.4

-0.2

0

0.2

BDT Discriminator

