

35.9 fb⁻¹ (13 TeV) $\times 10^3$

Events/bin

CMS Preliminary $\mu\tau_h$

Observed

 $Z \rightarrow ee/\mu\mu$

EWKW/Z

W+Jets/QCD

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

Diboson

SM Higgs

Bkg. unc.

50

40

30

20

10

0

0

100

200

300

 M_{col} [GeV]