

137 fb<sup>-1</sup> (13 TeV)

Events/bin

$\times 10^3$

**CMS** Preliminary

Observed

$Z \rightarrow \tau\tau$

$Z \rightarrow ee/\mu\mu$

$t\bar{t}, t+\text{jets}$

EWKW/Z

Diboson

W+Jets/QCD

SM Higgs

$H \rightarrow \mu\tau$  (B=10%)

Bkg. unc.

$\mu\tau_h$

40

30

20

10

0

0

1

2

3

4

$\Delta\phi[\tau, \text{MET}]$

