

35.9 fb⁻¹ (13 TeV)

CMS

Supplementary

$\mu\mu+\tau_h\tau_h$

Observed

Rare

VH, H $\rightarrow\tau\tau$ ($\mu=2.5$)

Uncertainty

ZZ \rightarrow 4l

Reducible

VH, H $\rightarrow\tau\tau$ ($\mu=2.5$)

$L_T^{\text{Higgs}} < 75$

$L_T^{\text{Higgs}} > 75$

Events / 20 GeV

25

20

15

10

5

0

Obs./ (Bkg. + Sig.)

3

2

1

0

$m_{\tau\tau}$ (GeV)

20

40

60

80

100

120

140

160

180

200

220

20

40

60

80

100

120

140

160

180

200

220