

CMS Preliminary

138 fb⁻¹ (13 TeV)

Events / 25 GeV

$\tau\tau b\bar{b}$ final state
 $\mu\tau_h$, 1 b-tag (CR)

Observed

jet $\rightarrow\tau_h$

Other

Z $\rightarrow\tau\tau$

tt+jets

$m_{a_1}=35\text{GeV}, B=10\%$

Bkg. unc.

80000
70000
60000
50000
40000
30000
20000
10000
0

Obs./Exp.

1.4
1.2
1.0
0.8
0.6

0

100

200

300

400

500

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

