

1e13

138 fb<sup>-1</sup>, Full-Run2 (13 TeV)

Events

**CMS** *Preliminary*

CR2postfit, order=1 Data/MC = 1.001

QCD

Top

W+jet

Rest

data

TotalSignal×30000

H<sup>4q</sup>(6.6%)H<sup>3q</sup>(7.3%)

W(14.8%)

top(2.1%)

Z(0.6%)

H<sup>lqq</sup>(35.1%)

g/q(8.8%)

rest(24.8%)

0.0

0.5

1.0

1.5

2.0

2.5

3.0

3.5

4.0

Data  
bkg MC

0

1

2

 $S/\sqrt{B_{\text{sig}}}$ 

0.00

0.02

0.04

0.06

0.08

50 75 100 125 150 175 200 225 250

jet<sub>a</sub> : MET – recovery Mass

1=0.057 →

←