

138 fb⁻¹, Full-Run2 (13 TeV)

Events

CMS Preliminary

SR1b prefit blinded

50000

40000

30000

20000

10000

QCD

Top

WJets

Rest

data

TotalSignal×1000

H^{4q}(57.0%)H^{3q}(7.1%)

W(12.4%)

top(0.6%)

Z(0.3%)

H^{lqq}(18.5%)

g/q(1.1%)

rest(3.0%)

Data
bkg MC

2

1

0

 $S/\sqrt{B+1}$

0.2

0.0

 $S/\sqrt{B+1}=0.251 \rightarrow$ \leftarrow jet_a : MET – recovery Mass