

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

Events

**CMS** Preliminary

LowMET\_tight blinded

7000

6000

5000

4000

3000

2000

1000

QCD

Top

WJets

Rest

• data

+ TotalSignal×1

+ H<sup>4q</sup>×0+ H<sup>3q</sup>×0

+ W×0

+ top×0

+ Z×0

+ H<sup>lq</sup>×0

+ g/q×0

+ rest×0

Data  
bkg MC

2

1

0

 $S/\sqrt{B+1}$ 

0.2

0.0

jet<sub>a</sub> : soft – drop Mass