

2017, 41.5 fb⁻¹ (13 TeV)

EVENTS

CMS

Preliminary

2e, b tag, no VBF, sidebands region

- Data
- Z(ℓℓ) + jets
- Z(νν) + jets
- W(ℓν) + jets
- t \bar{t}
- t+X
- VV, Vh
- MC stat.

$m_{Z'} = 1000$ GeV
 $m_{Z'} = 2000$ GeV
 $m_{Z'} = 3000$ GeV
 HVT model B (x1)

300
200
100
30
20
10
3
2
1
0.3

2
1.5
1
0.5
0

0 1 2 3 4 5 6

number of AK8 jets

Data/Bkg = 1.083 ± 0.124

$\chi^2/\text{ndf} = 0.88$, K-S = 0.959

