

2018, 59.7 fb<sup>-1</sup> (13 TeV)

EVENTS

**CMS**

*Preliminary*

**2e, b tag, no VBF, sidebands region**

- Data
- Z(ll) + jets
- Z(vv) + jets
- W(lv) + jets
- t $\bar{t}$
- t+X
- VV, Vh
- MC stat.
- m<sub>Z'</sub> = 1000 GeV
- m<sub>Z'</sub> = 2000 GeV
- m<sub>Z'</sub> = 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 AK4 jets

Data/Bkg = 1.436 ± 0.117       $\chi^2/\text{ndf} = 1.56$ , K-S = 0.425

