

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

EVENTS

**CMS**

*Preliminary*

***2e, VBF, sidebands region***

300  
200  
100  
30  
20  
10  
3  
2  
1  
0.3

● 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)

0.3

2  
1.5  
1  
0.5  
0

Data/Bkg = 0.795 ± 0.041

χ<sup>2</sup>/ndf = 1.74, K-S = 0.002

$\cancel{E}_T$  (GeV)

