

2017, 41.5 fb<sup>-1</sup> (13 TeV)

EVENTS

**CMS**

*Preliminary*

**2e, b tag, 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)

200  
100  
30  
20  
10  
3  
2  
1  
0.3

2  
1.5  
1  
0.5  
0

-0.5 0 0.5 1 1.5 2 2.5 3 3.5 4 4.5

number of e

Data/Bkg = 1.500 ± 0.303

$\chi^2/\text{ndf} = 0.00$ , K-S = 1.000

