

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

EVENTS

**CMS**

*Preliminary*

**2e, VBF, sidebands region**

400  
300  
200  
100  
40  
30  
20  
10  
4  
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)

2  
1.5  
1  
0.5  
0

Data/Bkg = 0.885 ± 0.043

$\chi^2/\text{ndf} = 0.93$ , K-S = 0.419

min  $\Delta \phi$  (jet- $\cancel{E}_T$ )

