

EVENTS

**CMS***Preliminary****2e, b tag, no VBF, sidebands region***300  
200  
100  
30  
20  
10  
3  
2  
1  
0.3

- Data
- Z(l $\bar{l}$ ) + jets
- Z( $\nu\nu$ ) + jets
- W(l $\nu$ ) + 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  
0Data/Bkg = 1.046  $\pm$  0.124 $\chi^2/\text{ndf}$  = 0.13, K-S = 1.000

0 1 2 3 4 5 6

number of AK8 jets

