

CMS*Preliminary****2e, no b tag, no VBF, sidebands region***300
200
100
30
20
10
3
2
1
0.3
0.2

● Data

■ Z(ll) + jets

■ Z(vv) + jets

■ W(lv) + jets

■ t \bar{t}

■ t+X

■ W, Vh

■ MC stat.

■ m_{Z'} = 1000 GeV■ m_{Z'} = 2000 GeV■ m_{Z'} = 3000 GeV

HVT model B (x1)

2
1.5
1
0.5
0

Data/Bkg = 1.063 ± 0.023

 $\chi^2/\text{ndf} = 1.54$, K-S = 0.386

0 10 20 30 40 50

number of primary vertices

