

CMS*Preliminary**0l, b tag, 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 ν) + jets■ $t\bar{t}$

■ t+X

■ VV, Vh

■ MC stat.

▨ $m_{Z'} = 1000$ GeV▨ $m_{Z'} = 2000$ GeV▨ $m_{Z'} = 3000$ GeV

HVT model B (x1)

Data/Bkg = 0.914 ± 0.108 $\chi^2/\text{ndf} = 1.18$, K-S = 0.989

0

1

2

3

4

5

6

number of AK8 jets

