

CMS*Preliminary****2e, no b tag, VBF, sidebands region***

300

200

100

30

20

10

3

2

1

0.3

● Data

■ Z(ll) + jets

■ Z(vv) + jets

■ W(lv) + 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)

2

1.5

1

0.5

0

Data/Bkg = 0.869 ± 0.043 $\chi^2/\text{ndf} = 1.25$, K-S = 0.647AK8 jet p_T (GeV)