

2016, 35.9 fb⁻¹ (13 TeV)

EVENTS

CMS*Preliminary**0l, b tag, VBF, sidebands region*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)

0.3

2
1.5
1
0.5
0Data/Bkg = 0.914 ± 0.108 $\chi^2/\text{ndf} = 26.97$, K-S = 0.720

200 400 600 800 1000 1200 1400 1600 1800 2000

 \cancel{E}_T (GeV)