

2016, 35.9 fb⁻¹ (13 TeV)

EVENTS

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

● Data

■ Z(ll) + 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)

0.3

2
1.5
1
0.5
0Data/Bkg = 0.741 ± 0.044 $\chi^2/\text{ndf} = 6.03$, K-S = 0.188 \cancel{E}_T (GeV)