

2018, 59.7 fb⁻¹ (13 TeV)

EVENTS

CMS*Preliminary* **2μ , VBF, sidebands region**300
200
10030
20
103
2
1

0.3

2
1.5
1
0.5
0

● 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)

Data/Bkg = 0.768 ± 0.037 $\chi^2/\text{ndf} = 1.88$, K-S = 0.945AK8 jet p_T (GeV)