

2016, 35.9 fb⁻¹ (13 TeV)

EVENTS

CMS

Preliminary

2e, b tag, no VBF, sidebands region

- 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)

200
100
30
20
10
3
2
1
0.3

2
1.5
1
0.5
0

0 1 2 3 4 5 6

number of AK4 jets

Data/Bkg = 1.143 \pm 0.140

χ^2/ndf = 0.78, K-S = 0.996

