

2016, 35.9 fb⁻¹ (13 TeV)

EVENTS

CMS

Preliminary

2 μ , no b tag, 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)

800
700
600
500
400
300
200
100
0

2
1.5
1
0.5
0

-3 -2 -1 0 1 2 3

electron 1 η

Data/Bkg = 0.754 \pm 0.038

$\chi^2/\text{ndf} = 0.00$, K-S = 1.000

