

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)

300
200
100
30
20
10
3
2
1
0.3

2
1.5
1
0.5
0

-0.5 0 0.5 1 1.5 2 2.5 3 3.5 4 4.5

number of μ

Data/Bkg = 1.143 ± 0.140

$\chi^2/\text{ndf} = 0.19$, K-S = 1.000

