

2017, 41.5 fb⁻¹ (13 TeV)

EVENTS

CMS

Preliminary

2e, b tag, no VBF, sidebands region

• 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)

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 = 1.036 \pm 0.115

$\chi^2/\text{ndf} = 3.33$, K-S = 1.000

