

2018, 59.7 fb⁻¹ (13 TeV)

CMS

Preliminary

2 μ , VBF, sidebands region

• Data

Z(l \bar{l}) + jets

Z($\nu\bar{\nu}$) + jets

W(l $\bar{\nu}$) + 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)

2000
1000

200

100

20

10

2

1

0.2

2

1.5

1

0.5

0

-0.5

Data/Bkg = 0.884 \pm 0.032

χ^2/ndf = 1.10, K-S = 1.000

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

number of μ

