

2018, 59.7 fb⁻¹ (13 TeV)

EVENTS

CMS

Preliminary

2 μ , no b tag, VBF, sidebands region

400
300
200

100

40
30
20

10

4
3

• 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)

2
1.5
1
0.5
0

Data/Bkg = 0.772 \pm 0.038

χ^2/ndf = 0.63, K-S = 1.000

0

0.5

1

1.5

2

2.5

3

min $\Delta \phi$ (jet- \cancel{E}_T)

