

2016, 35.9 fb⁻¹ (13 TeV)

CMS

Preliminary

0l, no b tag, VBF, sidebands region

2000

1000

200

100

20

10

2

1

0.2

• 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 = 0.970 ± 0.027

$\chi^2/\text{ndf} = 11.87$, K-S = 0.849

1000 1500 2000 2500 3000 3500 4000 4500 5000 5500

m_X (GeV)