

2018, 59.7 fb⁻¹ (13 TeV)

EVENTS

CMS

Preliminary

2μ, b tag, no VBF, sidebands region

• Data

Z(ℓℓ) + jets

Z(νν) + jets

W(ℓν) + 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

0.2

1.5

1.0

0.5

0

1000 1500 2000 2500 3000 3500 4000 4500 5000 5500

m_X (GeV)

Data/Bkg = 1.343 ± 0.102

χ²/ndf = 0.35, K-S = 0.674