

2016, 35.9 fb⁻¹ (13 TeV)

EVENTS

CMS

Preliminary

2e, b tag, VBF, sidebands region

100

30

20

10

3

2

1

0.3

• Data

Z(l \bar{l}) + jets

Z($\nu\nu$) + jets

W(l ν) + 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 = 0.481 ± 0.156

$\chi^2/\text{ndf} = 0.00$, K-S = 1.000

-0.5

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

number of τ

