

2017, 41.5 fb⁻¹ (13 TeV)

EVENTS

CMS

Preliminary

2e, b tag, no VBF, sidebands region

• 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)

300

200

100

30

20

10

3

2

1

0.3

2

1.5

1

0.5

0

0

1

2

3

4

5

6

number of AK8 jets

Data/Bkg = 1.036 ± 0.115

$\chi^2/\text{ndf} = 0.31$, K-S = 1.000