

2016, 35.9 fb⁻¹ (13 TeV)

CMS

Preliminary

2e, b tag, no VBF, sidebands region

• Data
 Z(ll) + jets
 Z(vv) + jets
 W(lv) + jets

tt

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

Data/Bkg = 1.143 ± 0.140

$\chi^2/\text{ndf} = 81.44$, K-S = 1.000

-0.5 0 0.5 1 1.5 2 2.5 3 3.5 4 4.5

number of e

EVENTS