

2017, 41.5 fb⁻¹ (13 TeV)

CMS

Preliminary

0l, no b tag, VBF, sidebands region

2000
1000

200
100

20
10

0.2

• Data

Z(l \bar{l}) + jets

Z($\nu\bar{\nu}$) + jets

W(l $\bar{\nu}$) + 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 = 0.978 ± 0.032

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

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

number of μ

