

2018, 59.7 fb<sup>-1</sup> (13 TeV)

**CMS**

*Preliminary*

**2 $\mu$ , VBF, sidebands region**

2000

1000

200

100

20

10

2

1

0.2

• Data

Z(ll) + jets

Z(vv) + jets

W(lv) + jets

t $\bar{t}$

t+X

VV, Vh

MC stat.

m<sub>Z'</sub> = 1000 GeV

m<sub>Z'</sub> = 2000 GeV

m<sub>Z'</sub> = 3000 GeV

HVT model B (x1)

Data/Bkg = 0.884  $\pm$  0.032

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

0.5

0

-0.5

0.5

1

1.5

2

2.5

3

3.5

4

4.5

number of  $\tau$

