

2017, 41.5 fb<sup>-1</sup> (13 TeV)

EVENTS

**CMS**

*Preliminary*

***2μ, b tag, no VBF, sidebands region***

● Data

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

Z(νν) + jets

W(lν) + 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)

300

200

100

30

20

10

3

2

1

0.3

0.2

1.5

0.5

0

Data/Bkg = 1.130 ± 0.115

χ<sup>2</sup>/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

