

2016, 35.9 fb<sup>-1</sup> (13 TeV)

EVENTS

**CMS**

*Preliminary*

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

• Data

Z(ℓℓ) + 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

2  
1.5  
1  
0.5  
0

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

number of  $\tau$

Data/Bkg = 1.067 ± 0.122

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

