

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

EVENTS

**CMS**

*Preliminary*

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

300  
200  
100

30  
20  
10

3  
2  
1

0.3

• 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)

2  
1.5  
1  
0.5  
0

Data/Bkg = 0.944 ± 0.106

χ<sup>2</sup>/ndf = 0.24, K-S = 1.000

1000 1500 2000 2500 3000 3500 4000 4500 5000 5500

m<sub>X</sub> (GeV)

