

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

**CMS**

*Preliminary*

**2 $\mu$ , no  $b$  tag, no VBF, sidebands region**

3000  
2500  
2000  
1500  
1000  
500  
0

- Data
- Z(l $\bar{l}$ ) + jets
- Z( $\nu\nu$ ) + 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 =  $0.911 \pm 0.019$

$\chi^2/\text{ndf} = 1.44$ , K-S = 1.000

electron 1  $\eta$

