

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

**CMS**

*Preliminary*

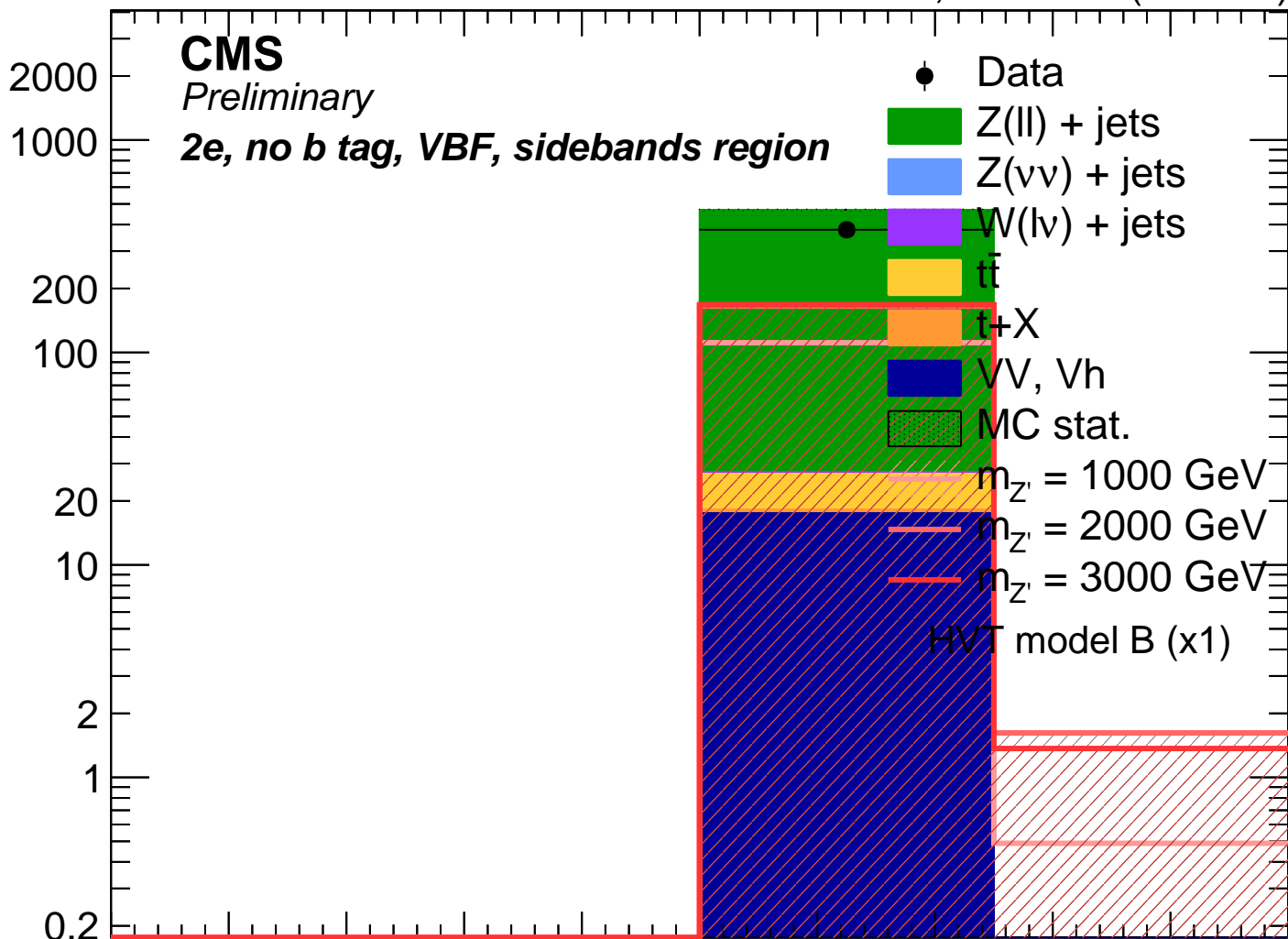
**2e, no b tag, VBF, sidebands region**

• Data  
 Z(l $\bar{l}$ ) + jets  
 Z( $\nu\nu$ ) + jets  
 W(l $\nu$ ) + jets  
 t $\bar{t}$   
 t+X

VV, Vh  
 MC stat.

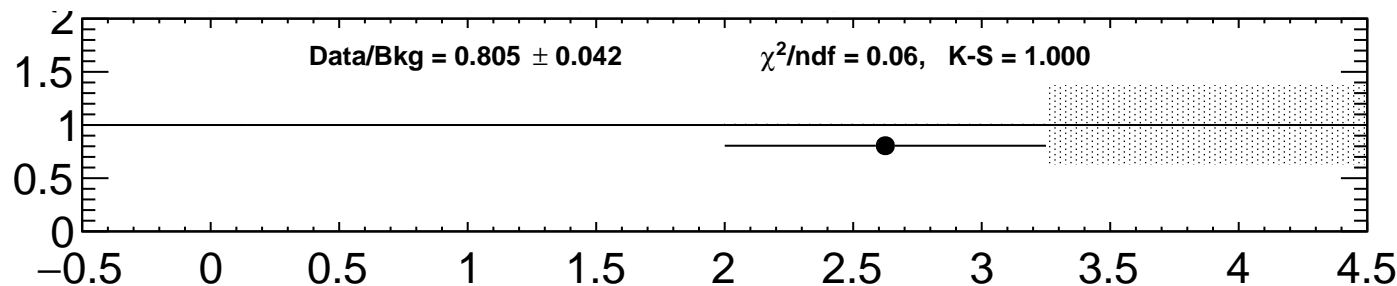
$m_{Z'} = 1000$  GeV  
 $m_{Z'} = 2000$  GeV  
 $m_{Z'} = 3000$  GeV

HVT model B (x1)



Data/Bkg =  $0.805 \pm 0.042$

$\chi^2/\text{ndf} = 0.06$ , K-S = 1.000



number of e