

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

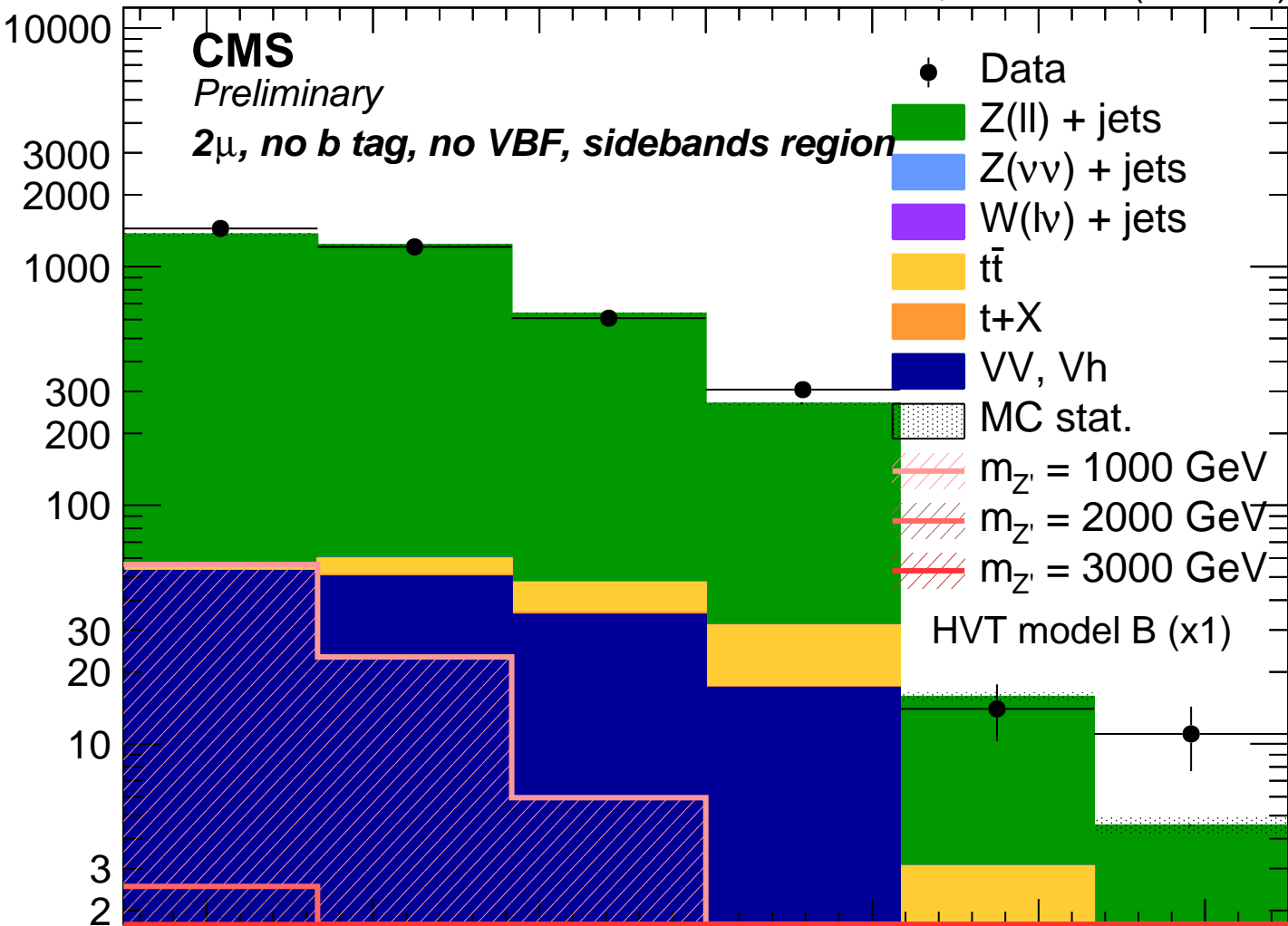
**CMS**

*Preliminary*

**2 $\mu$ , no  $b$  tag, no 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 = 1.018  $\pm$  0.018

$\chi^2/ndf = 3.67$ , K-S = 0.495

number of AK4 jets