

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

**CMS**

*Preliminary*

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

● Data

Z(l $\bar{l}$ ) + jets

Z( $\nu\bar{\nu}$ ) + jets

W(l $\bar{\nu}$ ) + jets

t $\bar{t}$

t+X

VV, Vh

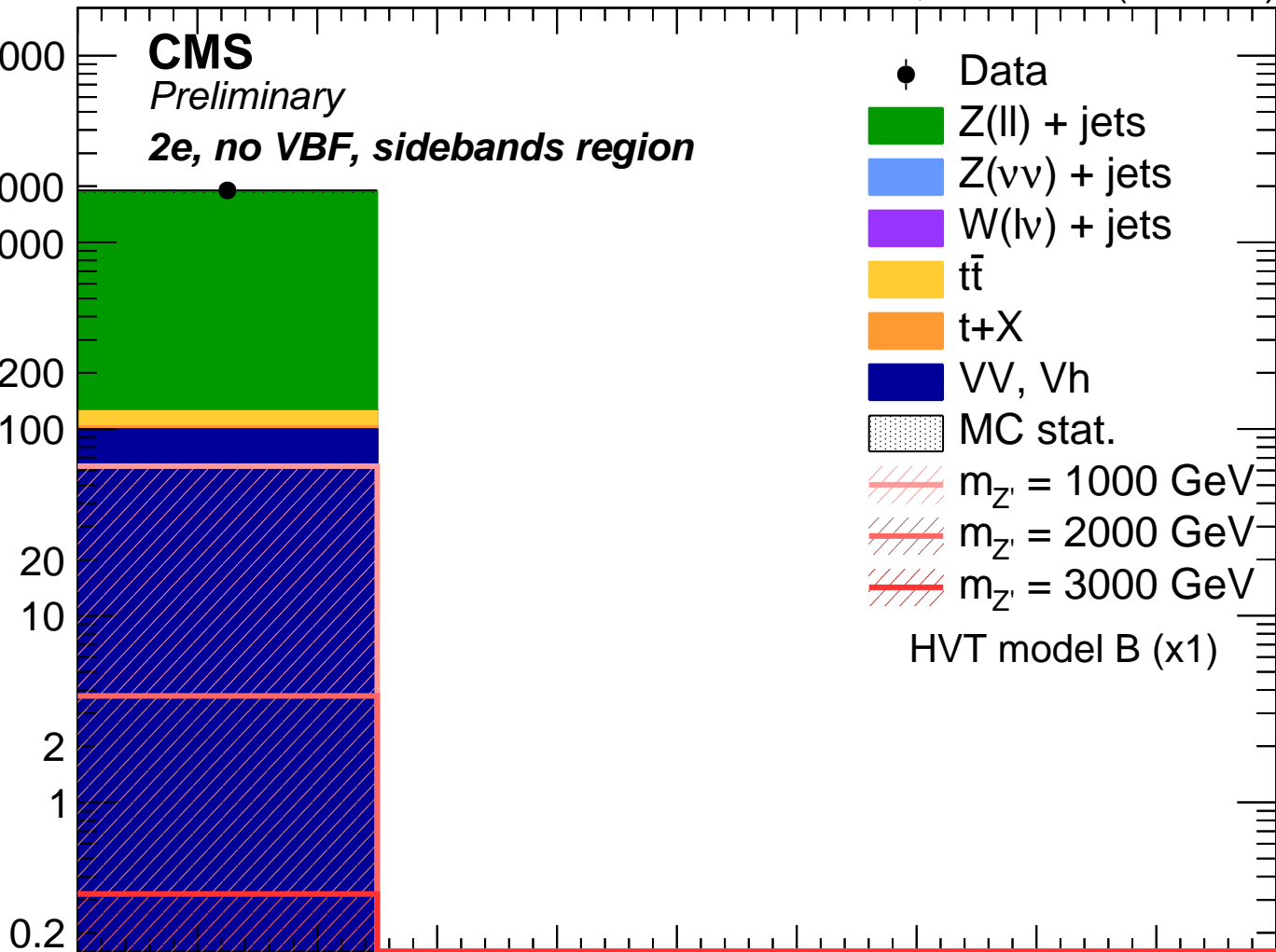
MC stat.

m<sub>Z'</sub> = 1000 GeV

m<sub>Z'</sub> = 2000 GeV

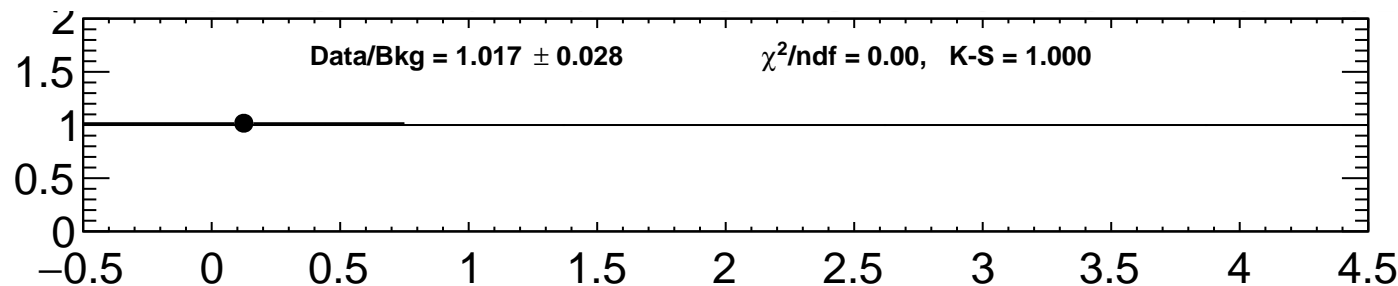
m<sub>Z'</sub> = 3000 GeV

HVT model B (x1)



Data/Bkg = 1.017  $\pm$  0.028

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



number of  $\tau$