

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

● Data

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

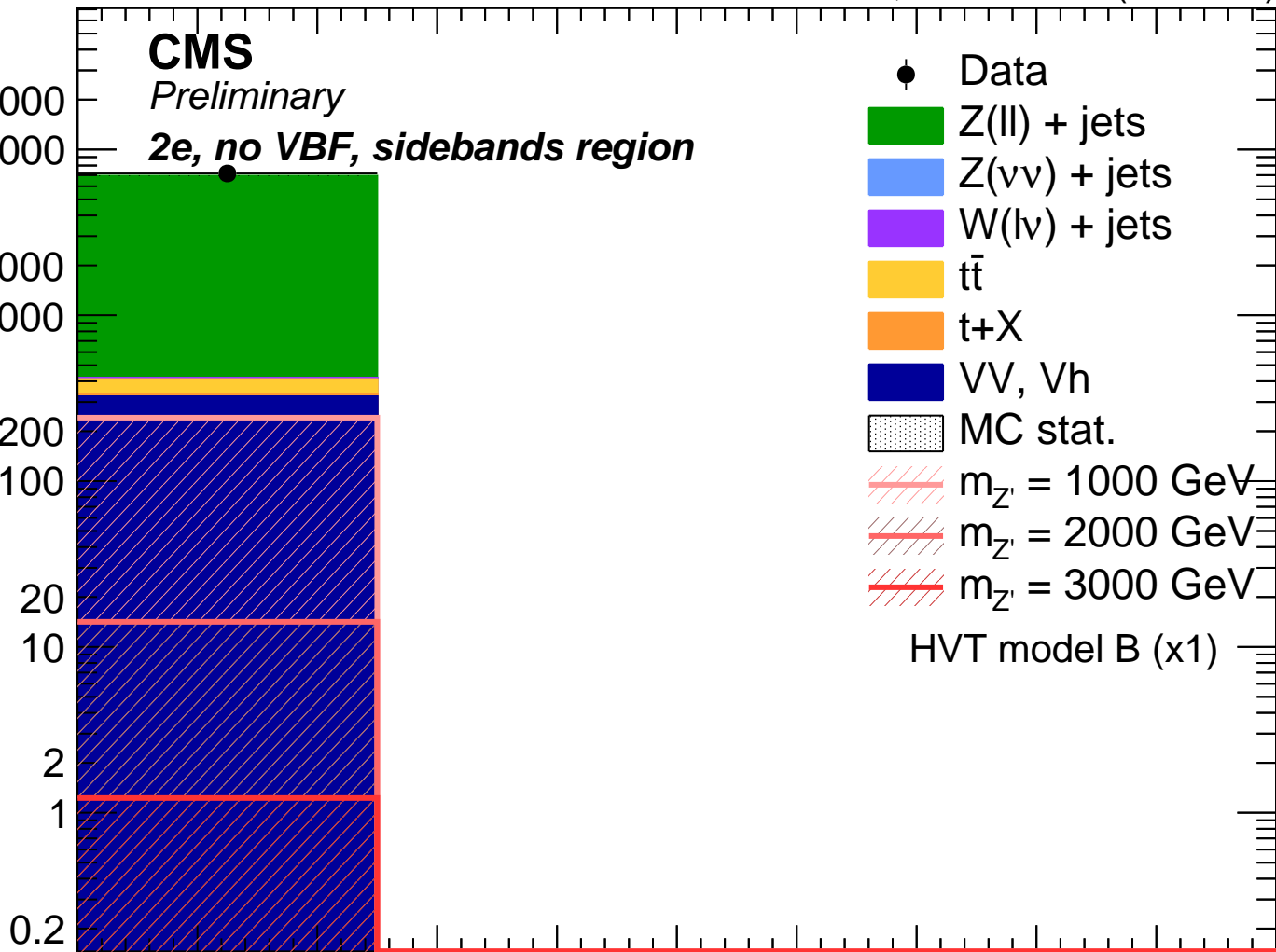
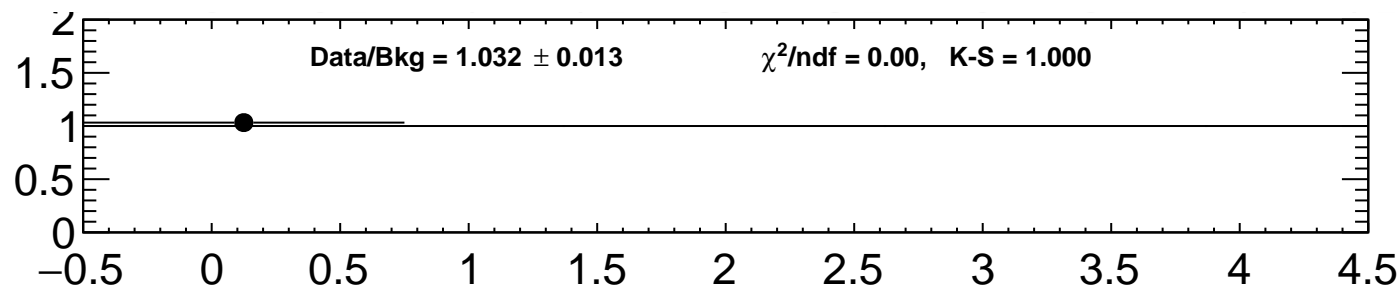
■ t+X

■ VV, Vh

■ MC stat.

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

HVT model B (x1)

Data/Bkg =  $1.032 \pm 0.013$  $\chi^2/\text{ndf} = 0.00$ , K-S = 1.000number of  $\tau$