

CMS*Preliminary****0l, b tag, no VBF, sidebands region***

● Data

■ Z(ll) + jets

■ Z(vv) + jets

■ W(lv) + jets

■ t \bar{t}

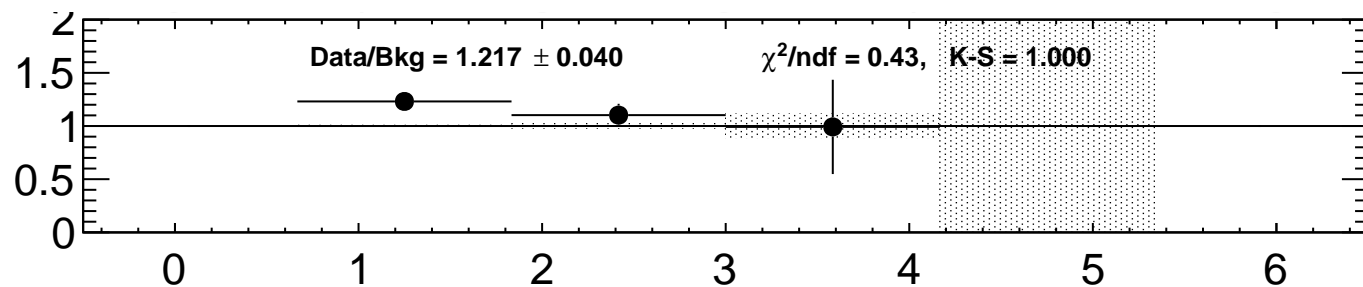
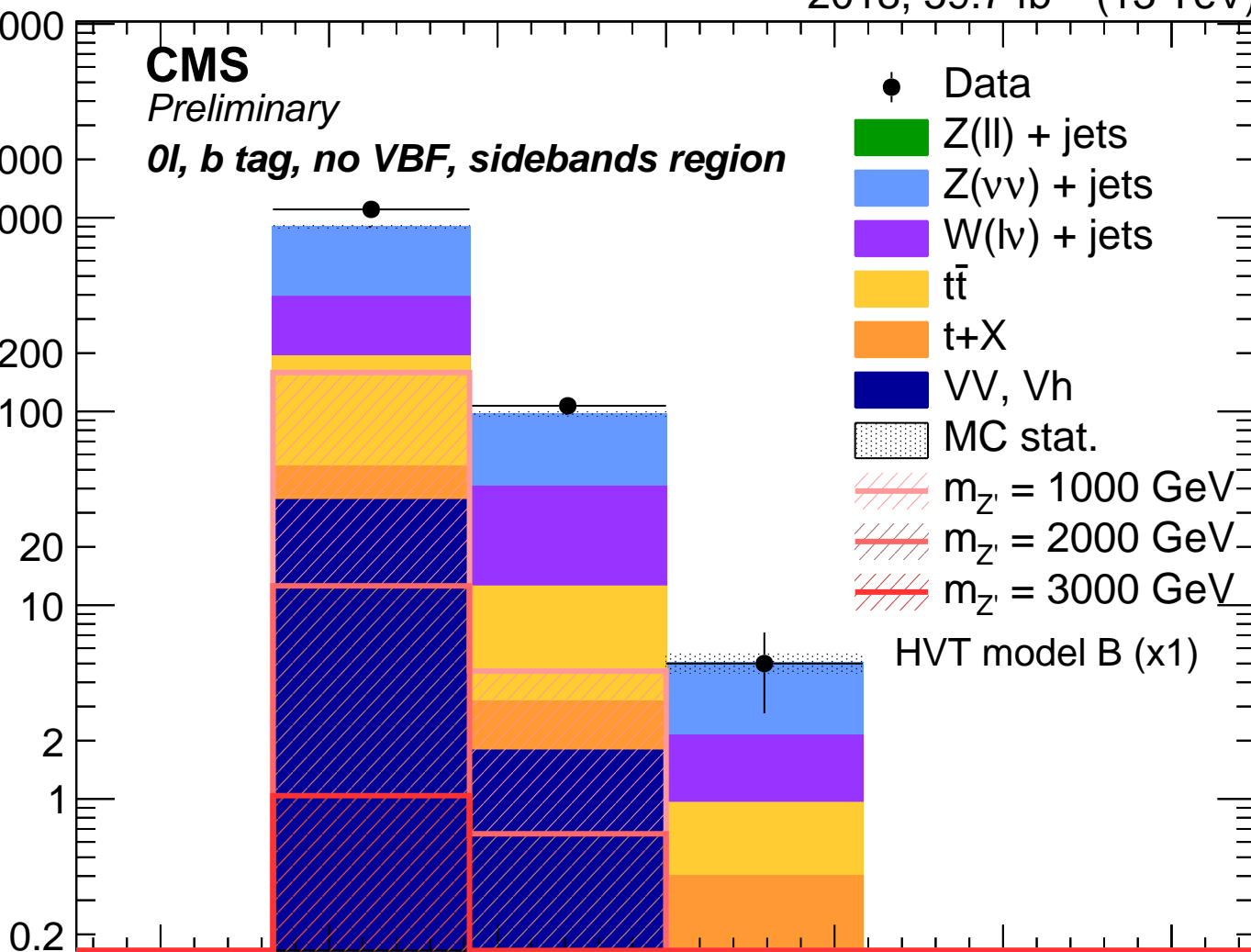
■ t+X

■ VV, Vh

■ MC stat.

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

HVT model B (x1)



Data/Bkg = 1.217 ± 0.040

 $\chi^2/\text{ndf} = 0.43$, K-S = 1.000

number of AK8 jets