

CMS*Preliminary****2μ, b tag, VBF, sidebands region***300
200
10030
20
103
2
1

0.3

● Data

■ Z(lℓ) + jets

■ Z(νν) + jets

■ W(lν) + 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)

2
1.5
1
0.5
0

Data/Bkg = 0.822 ± 0.098

 $\chi^2/\text{ndf} = 2.93$, K-S = 1.000

-0.5 0 0.5 1 1.5 2 2.5 3 3.5 4 4.5

number of e

