

**CMS***Preliminary****2μ, b tag, no VBF, sidebands region***300  
200  
10030  
20  
103  
2  
10.3  
0.22  
1.5  
1  
0.5  
0

● Data

■ Z(ll) + jets

■ Z(νν) + jets

■ W(lν) + 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 = 0.944 ± 0.106

 $\chi^2/\text{ndf} = 0.60$ , K-S = 1.000

number of e

