

RunII, 137.2 fb⁻¹ (13 TeV)

EVENTS

CMS*Preliminary****2μ, b tag, VBF, sidebands region***

● Data

■ Z(ll) + jets

■ Z(νν) + jets

■ W(lν) + jets

■ tt

■ t+X

■ VV, Vh

■ MC stat.

■ m_{Z'} = 1000 GeV■ m_{Z'} = 2000 GeV■ m_{Z'} = 3000 GeV

HVT model B (x1)

300
200
100
30
20
10
3
2
1
0.32
1.5
1
0.5
0

Data/Bkg = 0.822 ± 0.098

 $\chi^2/\text{ndf} = 0.42$, K-S = 1.000

number of μ

