

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

2500

2000

1500

1000

500

0

● 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

Data/Bkg = 1.034 ± 0.026

 $\chi^2/\text{ndf} = 0.02$, K-S = 1.000

1.5

1

0.5

0

-3

-2

-1

0

1

2

3

electron 2 η