

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

● Data

■ Z(l \bar{l}) + 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)

400

300

200

100

60

400

300

200

100

60

400

300

200

100

60

Data/Bkg = 1.036 ± 0.012

 $\chi^2/\text{ndf} = 1.68$, K-S = 0.001min Δφ (jet- \cancel{E}_T)