

CMS*Preliminary****2e, no b tag, VBF, sidebands region***300
200
10030
20
103
2
10.3
0.22
10.3
0.20.2
0.11.5
1.0
0.5
0

● Data

■ Z(ll) + jets

■ Z(vv) + jets

■ W(lv) + 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)

Data/Bkg = 0.812 ± 0.052 $\chi^2/\text{ndf} = 257.45$, K-S = 0.702 m_X (GeV)