

EVENTS

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

● 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)

0.3

1

2

3

10

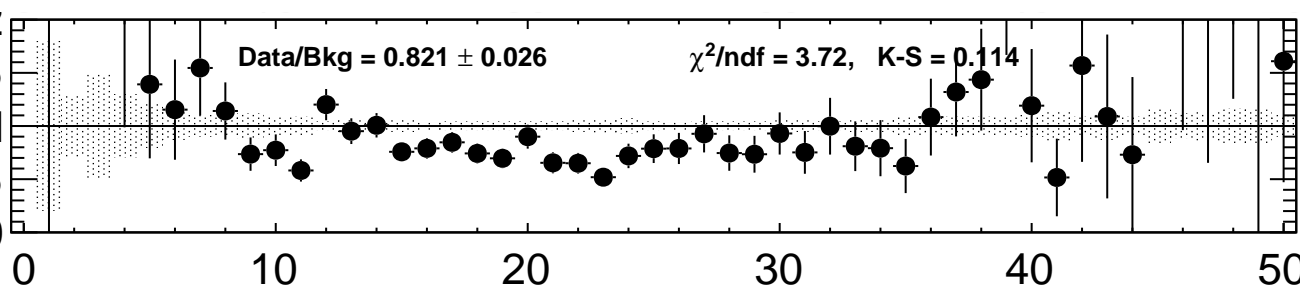
20

30

100

200

300

Data/Bkg = 0.821 ± 0.026 $\chi^2/\text{ndf} = 3.72$, K-S = 0.114

number of primary vertices