

2018, 59.7 fb⁻¹ (13 TeV)

Events

CMS

Preliminary

0l, b tag, VBF, sidebands region

● Data

■ Z(II) + jets

■ $Z(\nu\nu) + \text{jets}$

■ $W(l\nu) + \text{jets}$

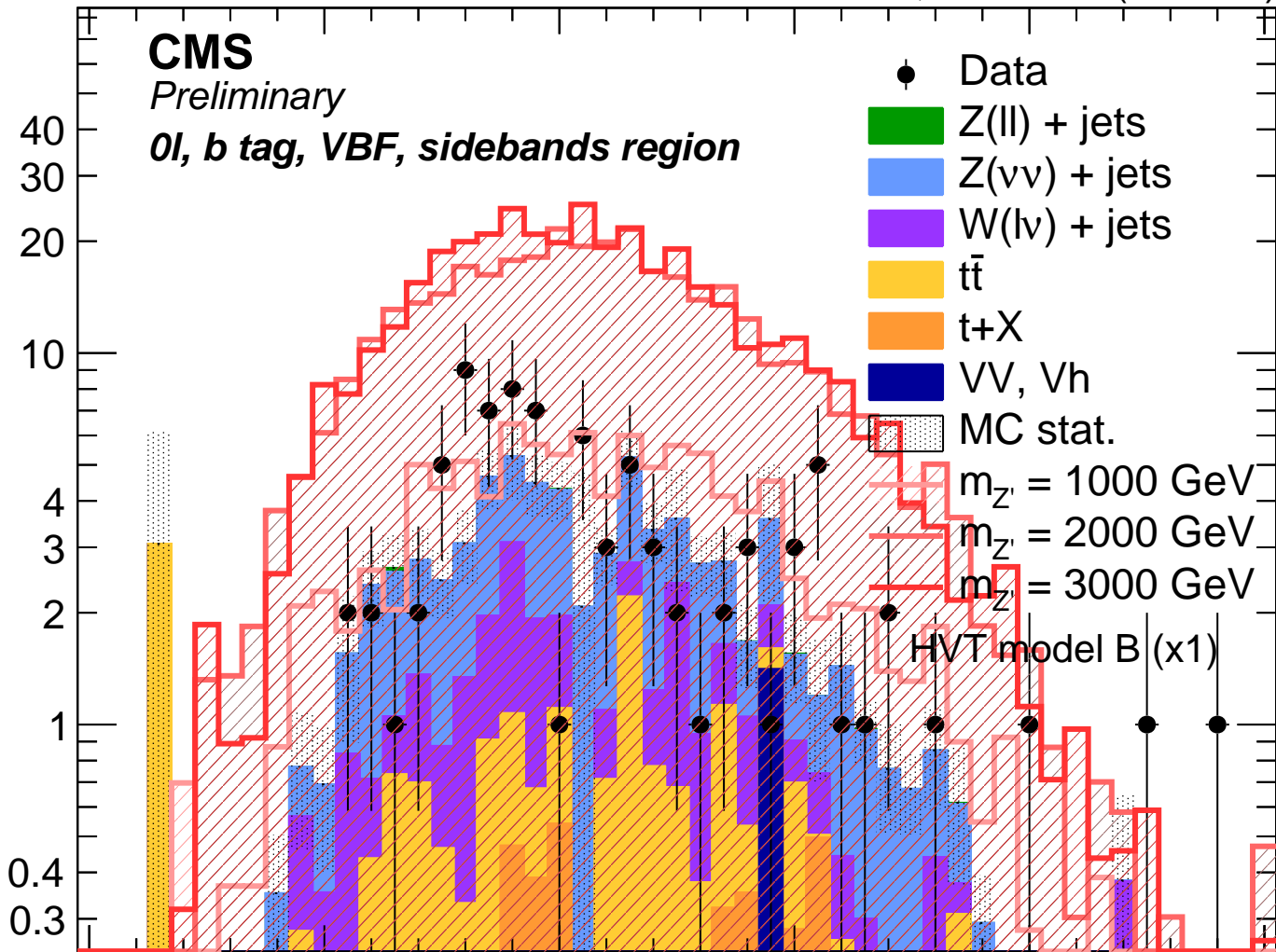
100

■ $t+X$

■ vv. vñ

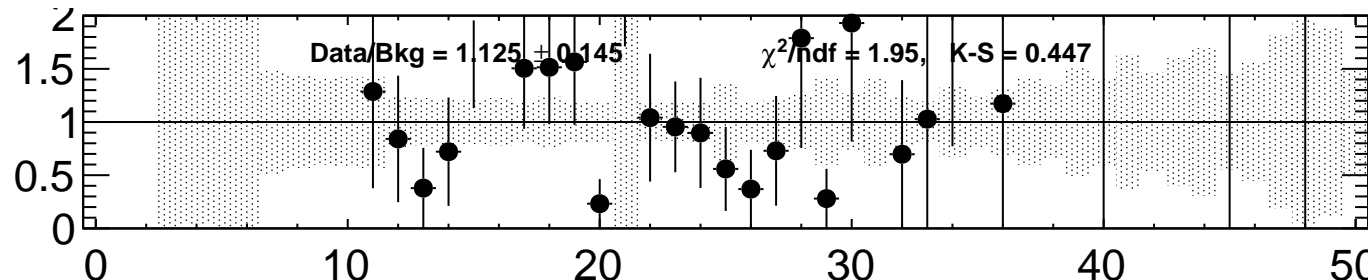
 MC stat.
$$m_{Z'} = 1000 \text{ GeV}$$
$$m_{\tilde{\chi}_1^0} = 2000 \text{ GeV}$$
$$m_{\tilde{Z}} = 3000 \text{ GeV}$$

HVT model B (x1)


$$\text{Data/Bkg} = 1.125 \pm 0.145$$
 $\chi^2/\text{ndf} = 1.95$ $\text{K-S} = 0.44$

K-S = 0.447

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number of primary vertices