

2016, 35.9 fb<sup>-1</sup> (13 TeV)

**CMS**

*Preliminary*

***0l, b tag, VBF, sidebands region***

EVENTS

120

80

60

40

20

0

• Data

Z(ll) + jets

Z(vv) + jets

W(lv) + jets

t $\bar{t}$

t+X

VV, Vh

MC stat.

m<sub>Z'</sub> = 1000 GeV

m<sub>Z'</sub> = 2000 GeV

m<sub>Z'</sub> = 3000 GeV

HVT model B (x1)

1.5

1

0.5

0

Data/Bkg = 0.914 ± 0.108

$\chi^2/\text{ndf}$  = 0.00, K-S = 1.000

electron 1  $\eta$

