

2017, 41.5 fb<sup>-1</sup> (13 TeV)

EVENTS

**CMS**

*Preliminary*

**2e, VBF, sidebands region**

300

200

100

30

20

10

3

2

1

0.3

• 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)

2

1.5

1

0.5

0

Data/Bkg = 0.885 ± 0.043

$\chi^2/\text{ndf} = 1.21$

K-S = 0.723

electron 1 p<sub>T</sub> (GeV)

