

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

EVENTS

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

300

200

100

30

20

10

3

2

1

0.3

● Data

■ Z(ll) + jets

■ Z(νν) + jets

■ W(lν) + 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 = 1.011 ± 0.055

 $\chi^2/\text{ndf} = 8.44$ , K-S = 0.995 $\cancel{E}_T$  (GeV)