

CMS

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

Events / 100 GeV

lv2q

**Boosted  
VBF-tagged**

● Data

DY

Diboson

Background uncertainty

 $m_\chi = 1500$  GeVtW and t $\bar{t}$ 

Nonprompt

W(lv) + jets

 $m_\chi = 800$  GeV10<sup>4</sup>10<sup>3</sup>10<sup>2</sup>

10

1

10<sup>-1</sup>10<sup>-2</sup>

Data/Bkg

1.4

1.2

1.0

0.8

0.6

0

500

1000

0

500

1000

0

500

1000

 $m_{WW}$  [GeV]