

$X \rightarrow VZ \rightarrow qqvv$ 35.9 fb⁻¹ (13 TeV)**CMS***Preliminary**0l channel, low purity, signal region*

Events

7000
6000
5000
4000
3000
2000
1000
0

0

10

20

30

40

50

60

70

80

90

100

jet 1 constituents multiplicity

Z(vv) + jets Pt

W(lv) + jets Pt

 $t\bar{t}$

Single-t

VV

MC stat.

 $m_G = 2000$ GeV $m_{W'} = 3000$ GeV