

CMS Work in Progress $\sqrt{s} = 13 \text{ TeV}, 138 \text{ fb}^{-1}$

Events/ 0.2

$\times 10^3$

160

140

120

100

80

60

40

20

0

Data (JetHT)

ggZHcc

ZHcc

ggZHbb

ZHbb

ZZ

WZ

WW

W + jets

Z + jets

tt

Single top

QCD

MC unc. (stat.)

Data/MC

1.5

1

0.5

0

1

2

3

4

5

6

$\Delta R(c,c)$

