

CMS Work in Progress  $\sqrt{s} = 13$  TeV, 36.8 fb $^{-1}$

Events/0.2

$\times 10^3$

500

400

300

200

100

Data (BTagCSV, 2017)

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

$\Delta R(Z, j_1)$

