

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

Events/2.0 GeV

$\times 10^3$

600

500

400

300

200

100

Data (BTagCSV, 2017)

ggZHcc

ZHcc

ggZHbb

ZHbb

ZZ

WZ

WW

W + jets

Z + jets

$t\bar{t}$

Single top

QCD

MC unc. (stat.)

Data/MC

1.5

1.0

0.5

0

50

100

150

200

250

300

c-jet mass [GeV]

