

CMS Work in Progress  $\sqrt{s} = 13$  TeV, 35.9 fb $^{-1}$

Events/4.0

$\times 10^3$

180

160

140

120

100

80

60

40

20

Data (BTagCSV, 2016)

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

0.5

400

600

800

1000

1200

1400

Z  $p_T$  [GeV]

