

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

Events/ $2.0$

$\times 10^3$

250

200

150

100

50

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

400

600

800

1000

1200

1400

Z  $p_T$  [GeV]

