

$\chi^2 / \text{n.d.f.} = 1.166$, pred diff = 1.515%, norm = 0.313

MAY21-Qs45-CR

ATLAS Internal

$\sqrt{s} = 13 \text{ TeV}$, 2018 57.7 fb $^{-1}$

ggF Signal Region, $X_{Wt} > 1.5$



Reweighted 2b Data (3144.9 \pm 139.3)



Stat. + Syst. Error



4b Data (3098.0 \pm 56.0)

800

600

400

200

0

4b / 2b

1.5

1.0

0.5

0

50

100

150

200

250

$m_{H2} \text{ [GeV]}$