

$\chi^2 / \text{ndf} = 2.07$

MAY21-Qs45-MC

ATLAS Internal

Reweighted 2b Dijet+ttbar MC

800

 $\sqrt{s} = 13 \text{ TeV}, 2017 \text{ } 43.6 \text{ fb}^{-1}$

ggF Signal Region

600

400

200

0



Stat. + Syst. Error

4b Dijet+ttbar MC

 $4b / 2b$

1.5

1.0

0.5

60

80

100

120

140

160

180

200

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