

$\chi^2 / \text{ndf} = 0.863$ , pred diff = 10.429%, norm = 1.238

MAY21-Qs45-LR

**ATLAS Internal**

$\sqrt{s} = 13 \text{ TeV}$ , 2016 24.6 fb $^{-1}$

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



VR Reweighted 2b Data (2492.4  $\pm$  184.1)



Stat. + Syst. Error



3b1l Data (2257.0  $\pm$  48.0)

400

300

200

100

0

3b1l / 2b

1.5

1.0

0.5

1.5

2.0

2.5

3.0

$\Delta R_{HH}$