

$\chi^2 / \text{nfd} = 1.299$, 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)

200

150

100

50

0

3b1l / 2b

1.5

1.0

0.5

-3.0

-2.5

-2.0

-1.5

-1.0

-0.5

Pairing Score 1