

$\chi^2 / \text{nfd} = 0.453$, pred diff = 3.456%, norm = 0.41

MAY21-Qs45-LR

ATLAS Internal $\sqrt{s} = 13 \text{ TeV}$, 2018 57.7 fb $^{-1}$ ggF Signal Region, $X_{\text{Wt}} > 1.5$ VR Reweighted 2b Data (6294.2 \pm 506.3)

Stat. + Syst. Error

4b Data (6084.0 \pm 78.0)

800

600

400

200

0

4b / 2b

1.5

1.0

0.5

50

100

150

200

HC Jet 3 p_{T} [GeV]