

13000 GeV pp

 $t\bar{t}$ $t\bar{t}H\bar{H}$ (ATLAS semileptonic $t\bar{t}b\bar{b}$)

- ATLAS
- ▲ Pythia 8.201 default

 $1/\sigma d^2\sigma/dN^{\text{jets}} dH_T^{\{t\bar{t}b\bar{b}\}} [1/\text{GeV}]$ 10^{-5} 10^{-4} 10^{-3}

ATLAS_2019_I1750330

Ratio to ATLAS

0.5

1

2

0.5

1

2

 $H_T^{\{t\bar{t}b\bar{b}\}} [\text{GeV}], N^{\text{jets}} \geq 7$

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, 400k events