

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 tune-1
- -● Pythia 8.308 tune-2c
- -○ Pythia 8.308 tune-2m

 $1/\sigma d^2\sigma / dN^{\text{jets}} dH_T^{\text{tbar}\{t\}} [1/\text{GeV}]$ 10^{-3} 10^{-4} 10^{-5} 10^{-6}

ATLAS_2019_I1750330

Rivet 3.1.10, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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

0

500

1000

1500

2000

