

13000 GeV pp

 $t\bar{t}$ Rapidity (ATLAS semileptonic $t\bar{t}$)

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

 $1/\sigma d^2\sigma / dN^{\text{jets}} dy^{\text{t, had}}$ 10^{-1} 10^{-2}

ATLAS_2019_I1750330

mcplots.cern.ch [arXiv:1306.3436]

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

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|y^{\text{t, had}}| N^{\text{jets}} \geq 7$ 