

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.308 default
- - * Pythia 8.308 tune-4c
- ... □ Pythia 8.308 tune-4cx

 $1/\sigma d^2\sigma / dN^{\text{jets}} d|y^{\text{t, had}}|$

1

 10^{-1} Rivet 3.1.10, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|y^{\text{t, had}}| N^{\text{jets}} = 4$