

13000 GeV pp

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

- ATLAS
- ▲— Pythia 8.308 default
- -▼- Pythia 8.308 tune-AU2
- ··◇·· Pythia 8.308 tune-AU2lox
- ··□·· Pythia 8.308 tune-AU2lox
- ··★·· Pythia 8.308 tune-AU2m

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

1

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

mcplots.cern.ch [arXiv:1306.3436]

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Ratio to ATLAS

2

1

0.5

2

1

0.5

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