

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.170 default
- Pythia 8.170 tune-4cx

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

1

 10^{-1} Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

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