

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.308 default
- ✱ Pythia 8.308 tune-4c
- Pythia 8.308 tune-4cx

 $d^2\sigma / dN^{\text{jets}} d|y^{\text{t}\bar{\text{t}}}|$ [pb] 10^2

10

1

2

1

0.5

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

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

ATLAS_2019_I1750330

Ratio to ATLAS

0

1

2

 $|y^{\text{t}\bar{\text{t}}}| N^{\text{jets}} = 5$ 