

13000 GeV pp

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

- ATLAS
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.308 default

 $\frac{d^2\sigma}{dN^{\text{jets}} dy^{\text{t,had}}} [\text{pb}]$ 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

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