

13000 GeV pp

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default
- - ▼ Pythia 8.308 vincia-default
- - ◆ Sherpa 2.2.0 default

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

1

 10^{-1} Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

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