

13000 GeV pp

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

- ATLAS
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 2.2.5 default

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

1

 10^{-1} Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

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