

13000 GeV pp

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

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.308 default
- ...◆ Sherpa 2.2.0 default

 $1 / \sigma d^2\sigma / dN^{\text{jets}} d\chi^{\text{t}\bar{\text{t}}\text{bar}}_{\text{t}\bar{\text{t}}\text{bar}}$ 10^{-2} 10^{-1}

1

Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

0.5

2

2

0.5

 $\chi^{\text{t}\bar{\text{t}}\text{bar}}_{\text{t}\bar{\text{t}}\text{bar}} N^{\text{jets}} = 5$

2 4 6 8 10

1 1