

13000 GeV pp

 $t\bar{t}$ $\chi(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$) $\frac{d^2\sigma}{dN^{\text{jets}} d\chi^{\text{t}\bar{\text{t}}}} [\text{pb}]$ Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- Herwig 7.2.1 default
- ▲--- Pythia 8.170 default
- ◆--- Sherpa 2.2.0 default

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

 $\chi^{\text{t}\bar{\text{t}}} N^{\text{jets}} = 4$ 