

13000 GeV pp

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

- ATLAS
- Herwig++ 2.7.0 default
- Herwig 7.2.1 default
- ▲- Pythia 8.180 default

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

1

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

0.5

1

2

0.5

1

2

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