

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.212 default
- - * Pythia 8.212 tune-4c
- ... □ Pythia 8.212 tune-4cx

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

1

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

2

1

1

0.5

0.5

2

4

6

8

10

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