

13000 GeV pp

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

- ATLAS
- △ Pythia 6.428 370
- -□- - Pythia 6.428 391
- . - .■ Pythia 6.428 default
- ▲ Pythia 8.308 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}

1

Rivet 3.1.10, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

2

1

1

0.5

0.5

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