

13000 GeV pp

 $t\bar{t}$ $\chi(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$) $d^2\sigma / dN^{\text{jets}} d\chi^{\text{t}\bar{\text{t}}}$ [pb]

- ATLAS
- ▲ Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- - Pythia 8.308 tune-A14-MSTW2008LO
- ⋯ Pythia 8.308 tune-A14-NNPDF2.3LO
- ▲ - - Pythia 8.308 tune-CUETP8S1

10
1
 10^{-1}

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

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2
1
0.5

2
1
0.5

 $\chi^{\text{t}\bar{\text{t}}} N^{\text{jets}} \geq 7$