

13000 GeV pp

 $t\bar{t}$ p_T^{top} (ATLAS semileptonic $t\bar{t}$)

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- -■ Pythia 8.315 tune-A14-MSTW2008LO
- ··· Pythia 8.315 tune-A14-NNPDF2.3LO
- -△ Pythia 8.315 tune-CUETP8S1

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

500

1000

10

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4}