

13000 GeV pp

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

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

 10^{-6} 10^{-7} 10^{-8}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

200

400

600

800

0

200

400

600

800