

13000 GeV pp

 $t\bar{t}$ $P_{\text{out}}^{\text{top}}$ (ATLAS semileptonic $t\bar{t}$)

- ATLAS
- Pythia 6.428 350
- .-●-.- Pythia 6.428 357
- ...●... Pythia 6.428 358
- .-■-.- Pythia 6.428 359

 10^{-4} 10^{-5} 10^{-6} 10^{-7}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

200

400

