

13000 GeV pp

 $t\bar{t}$ Dilepton E(ATLAS dileptonic $t\bar{t}$) 10^{-2} 10^{-3} 10^{-4}

- ATLAS
- ▲— Pythia 8.315 default
- -▼- Pythia 8.315 tune-AU2
- -◇- Pythia 8.315 tune-AU2lox
- -□- Pythia 8.315 tune-AU2loxx
- -★- Pythia 8.315 tune-AU2m

(ATLAS_2019_I1759875)

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