

13000 GeV pp

 $t\bar{t}$ $y(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$)

- ATLAS
- - ○ - - Pythia 6.428 345
- ⋯ □ ⋯ Pythia 6.428 346
- - △ - - Pythia 6.428 370
- - ■ - - Pythia 6.428 default
- - ▲ - - Pythia 8.315 default

1

 10^{-1} 10^{-2}

(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

1

2