

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.315 default

1

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

2

1

0.5

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

(ATLAS_2019_I1750330)

Ratio to ATLAS

0

1

2