

13000 GeV pp

 $t\bar{t}$ Resolved $l+jets$

- ATLAS
- ▲ Pythia 8.315 default
- ✱ Pythia 8.315 tune-4c
- Pythia 8.315 tune-4cx

 $1/\sigma d^2\sigma / dm^{t\bar{t}} d|y^{t\bar{t}}| [1/\text{GeV}]$ 10^{-4} 10^{-3} 10^{-2}

(ATLAS_2019_I1750330)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

0.5

2

1

2

1

0.5

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [0, 0.4]$

500

1000

1500

2000