

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- ▲ Pythia 8.230 default
- Pythia 8.230 tune-2c
- Pythia 8.230 tune-2m

 $1/\sigma d^2\sigma / dm_{t\bar{t}} d|y_{t\bar{t}}| [1/\text{GeV}]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000

 $m_{t\bar{t}} [\text{GeV}], |y_{t\bar{t}}| \in [0, 0.4]$ 