

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- - ■ Pythia 6.426 default
- - * Pythia 6.426 pro-q2o

 $1/\sigma d^2\sigma / dm_{t\bar{t}} d|y_{t\bar{t}}| [1/\text{GeV}]$ 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

2

1

0.5

2

1

0.5

 $m_{t\bar{t}} [\text{GeV}], |y_{t\bar{t}}| \in [0.4, 0.8]$

500

1000

1500

2000