

13000 GeV pp

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

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

 $1/\sigma d^2\sigma / d m^{t\bar{t}} d |y^{t\bar{t}}| [1/GeV]$ 10^{-3} 10^{-4} 10^{-5} 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

 $m^{t\bar{t}} [GeV], |y^{t\bar{t}}| \in [1.2, 2.5]$ 