

13000 GeV pp

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

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

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

0.5

2

1

1000

2000

3000

 $m^{t\bar{t}} [GeV], |y^{t\bar{t}}| \in [1.3, 2.0]$ 