

13000 GeV pp

 $t\bar{t}$

Resolved l+jets

- ATLAS
- △ Pythia 6.427 370
- ☆ Pythia 6.427 pro-q2o

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

Ratio to ATLAS

2

1

0.5

0.5

500

1000

1500

2000

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [0.8, 1.2]$ 