

13000 GeV pp

 $t\bar{t}$  $y(t\bar{t})$  (ATLAS semileptonic  $t\bar{t}$ ) $d^2\sigma / dN^{\text{jets}} d|y^{\text{t}\bar{t}}|$  [pb]

- ATLAS
- △— Pythia 6.428 370
- -□- - Pythia 6.428 391
- -■- - Pythia 6.428 default
- -☆- - Pythia 6.428 pro-q2o

10

1

ATLAS\_2019\_I1750330

Rivet 3.1.10,  $\geq 3.5\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

1

2

 $|y^{\text{t}\bar{t}}| N^{\text{jets}} \geq 7$ 