

13000 GeV pp

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

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.235 default

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

(ATLAS\_2019\_I1750330)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

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

500

1000

1500

2000