

13000 GeV pp

 $t\bar{t}$ 

Resolved l+jets

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- -■ Pythia 6.428 default
- ▲ Pythia 8.135 default

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

Rivet 4.1.0, ≥ 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]],  $|y_{t\bar{t}}| \in [0.8, 1.2]$ 

500

1000

1500

2000