

13000 GeV pp

 $t\bar{t}$ 

## Resolved l+jets

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.244 default

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

(ATLAS\_2019\_I1750330)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $m^{t\bar{t}} [\text{GeV}], |y^{t\bar{t}}| \in [0, 0.4]$ 

500

1000

1500

2000