

13000 GeV pp

 $t\bar{t}$ 

## Resolved l+jets

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.315 default

 $1 / \sigma d^2\sigma / d m^{t\bar{t}} d |y^{t\bar{t}}| [1/\text{GeV}]$ 
 $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

(ATLAS\_2019\_I1750330)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000

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