

13000 GeV pp

 $t\bar{t}$ 

Resolved l+jets

- ATLAS
- ▲ Pythia 8.315 default
- -▼ Pythia 8.315 tune-AU2
- · ·◇ Pythia 8.315 tune-AU2lox
- · ·□ Pythia 8.315 tune-AU2loxx
- · ·★ Pythia 8.315 tune-AU2m

 $1/\sigma d^2\sigma / dm_{t\bar{t}} d|y_{t\bar{t}}| [1/\text{GeV}]$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1750330)

Ratio to ATLAS

2  
1  
0.52  
1  
0.5 $m_{t\bar{t}} [\text{GeV}], |y_{t\bar{t}}| \in [0.8, 1.2]$ 