

y(ttbar) (ATLAS semileptonic ttbar)

 $1 / \sigma d^2\sigma / dN^{\text{jets}} d|y^{\text{tbar}\{t\}}|$ 

- ATLAS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-1
- Pythia 8.308 tune-2c
- Pythia 8.308 tune-2m

1

 $10^{-1}$  $10^{-2}$ 

ATLAS\_2019\_I1750330

Rivet 3.1.10,  $\geq 2.8M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

 $|y^{\text{tbar}\{t\}}| N^{\text{jets}} = 4$ 