

13000 GeV pp

Jets

 $\frac{1}{\sigma} \frac{d\sigma}{d\text{LHA}}$ LHA  $\lambda_{0.5}^1$  (ATLAS jet substructure)

- ATLAS
- ▲ Pythia 8.212 default
- ▼ Pythia 8.212 tune-AU2
- ◇ Pythia 8.212 tune-AU2lox
- Pythia 8.212 tune-AU2loxx
- ★ Pythia 8.212 tune-AU2m

Rivet 3.1.10, ≥ 200k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1724608

Ratio to ATLAS

2

1

0.5

LHA

