

13000 GeV pp

Jets

Subjet multiplicity (ATLAS jet substructure)

- ATLAS
- ▲ Pythia 8.243 default
- -▼ Pythia 8.243 tune-AU2
- · ·◇ Pythia 8.243 tune-AU2lox
- · ·□ Pythia 8.243 tune-AU2lox
- · ·★ Pythia 8.243 tune-AU2m

1

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

(ATLAS\_2019\_I1724098)

Rivet 4.1.0, ≥ 200k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6