

13000 GeV pp

Jets

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Rivet 3.1.10, ≥ 2.3M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1724698

Ratio to ATLAS

0.5

2

1

0

1

2

3

4

5

6

0.5

1

LHA

0.5

1

2