

13000 GeV pp

Jets

LHA $\lambda_{0.5}^1$ (CMS jet substructure)

- CMS
- - ■ Pythia 6.426 default
- - * Pythia 6.426 pro-q2o

 $\frac{1}{N} \frac{dN}{d\lambda}$ $\frac{1}{N} \frac{dN}{d\lambda} / \frac{1}{N} \frac{dN}{d\lambda}_{\text{CMS}}$

1

 $\frac{1}{N} \frac{dN}{d\lambda}$

0

2

Ratio to CMS

1

0.5

0

0.5

1

2

3

4

5

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

0.5

1

2

3

4

5

LHA

CMS_2021_11920187