

13000 GeV pp

Jets

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

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

 $\frac{1}{\mathcal{N}} \frac{d\mathcal{N}}{d\lambda_{0.5}^1}$

1

 $\frac{1}{\mathcal{N}} \frac{d\mathcal{N}}{d\lambda_{0.5}^1}$

Ratio to CMS

0.5

1

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

LHA

CMS_2021_11920187

