

13000 GeV pp

Jets

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

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

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

1

 $\frac{1}{\mathcal{N}} \frac{d\mathcal{N}}{d\lambda} / \frac{1}{\mathcal{N}} \frac{d\mathcal{N}}{d\lambda} \bigg|_{\text{CMS}}$ 

Ratio to CMS

0.5

1

LHA

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

1

LHA

CMS\_2011\_11920187

