

13000 GeV pp

Jets

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

- CMS
- - ■ Pythia 6.425 default
- - \* Pythia 6.425 pro-q2o

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

Ratio to CMS

Rivet 3.1.10,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

groomed LHA

