

13000 GeV pp

Z+Jet

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

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

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

1

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

2

Ratio to CMS

0.5

1

2

0

0.5

1

groomed LHA

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

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