

13000 GeV pp

Z+Jet

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

- CMS
- ▲ Pythia 8.170 default
- - □ Pythia 8.170 tune-4cx

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

1

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

Ratio to CMS

0.5

1

2

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

1

2

0

0.5

1

groomed LHA

