

13000 GeV pp

Z+Jet

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

- CMS
- ▲ Pythia 8.308 default
- ✱ Pythia 8.308 tune-4c
- Pythia 8.308 tune-4cx

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

Ratio to CMS

groomed LHA

Rivet 3.1.10, ≥ 2.5 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2021_11920187

