

13000 GeV pp

Z+Jet

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

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

 $\frac{dN}{d\lambda}$  $\frac{1}{\lambda} \frac{dN}{d\lambda}$  $\frac{1}{\lambda} \frac{dN}{d\lambda} / \frac{1}{\lambda} \frac{dN}{d\lambda}_{\text{CMS}}$ 

Ratio to CMS

Rivet 3.1.10,  $\geq 2.5\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2021\_I1920187

groomed LHA

