

13000 GeV pp

Z+Jet

Groomed multiplicity λ_0^0 (charged only) (CMS jet substructure)

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

 $\frac{dN}{d\lambda_0^0}$

1

 $\frac{dN}{d\lambda_0^0} / \frac{dN}{d\lambda_0^0} \text{ CMS}$ Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

groomed multiplicity (charged-only)

