

Z+Jet

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

Legend:

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

Top Panel: $\frac{1}{N} \frac{dN}{d \ln \lambda_{0.5}^1}$ vs groomed LHA

Bottom Panel: Ratio to CMS vs groomed LHA

Y-axis labels (left): $\frac{1}{N} \frac{dN}{d \ln \lambda_{0.5}^1}$, Ratio to CMS

Y-axis labels (right): Rivet 3.1.10, ≥ 2.7 M events, mcplots.cern.ch [arXiv:1306.3436]

X-axis label: groomed LHA

Rivet 3.1.10, $\geq 2.7\text{M}$ events

2

0.5

groomed LHA