

13000 GeV pp

Z+Jet

Groomed multiplicity  $\lambda_0^0$  (charged only) (CMS jet substructure)

- CMS
- ▲ Pythia 8.308 default
- ◆ Sherpa 1.4.5 default

 $\frac{1}{\mathcal{L}} \frac{dN}{d\lambda_0^0}$  $\frac{1}{\mathcal{L}} \frac{dN}{d\lambda_0^0}$ 

Ratio to CMS

groomed multiplicity (charged-only)

Rivet 3.1.10,  $\geq 500k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2021\_11920187

