

13000 GeV pp

Z+Jet

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

- CMS
- Herwig 7.2.1 default
- ▲ Pythia 8.308 default
- ...◆ Sherpa 1.4.5 default

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

Ratio to CMS

groomed multiplicity (charged-only)

Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

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