

13000 GeV pp

Z+Jet

Groomed multiplicity λ_0^0 (CMS jet substructure)

- CMS
- ▲ Pythia 8.170 default
- ◆ Sherpa 2.2.9 default

 $\frac{1}{N} \frac{dN}{d\lambda_0^0}$ $\frac{1}{N} \frac{dN}{d\lambda_0^0}$ $\frac{1}{N} \frac{dN}{d\lambda_0^0}$ $\frac{1}{N} \frac{dN}{d\lambda_0^0}$ $\frac{1}{N} \frac{dN}{d\lambda_0^0}$ $\frac{1}{N} \frac{dN}{d\lambda_0^0}$

Ratio to CMS

0

20

40

60

groomed multiplicity

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

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