

13000 GeV pp

Jets

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

- CMS
- Pythia 6.428 391
- +--- Pythia 6.428 393
- Pythia 6.428 394
- ▼--- Pythia 6.428 395

 $\frac{1}{\mathbf{d}N}$ $\frac{1}{\mathbf{d}N / \mathbf{d} p_T \mathbf{d} \lambda_0^0}$ Rivet 3.1.10, $\geq 2.3\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS 2021_11920187

Ratio to CMS

 $\frac{1}{\mathbf{d}N / \mathbf{d} p_T \mathbf{d} \lambda_0^0}$ $\frac{1}{\mathbf{d}N / \mathbf{d} p_T \mathbf{d} \lambda_0^0}$

groomed multiplicity (charged-only)

