

Z+Jet

- CMS
- Pythia 6.428 345
- ...□... Pythia 6.428 346
- △— Pythia 6.428 370
- - - ■ - - - Pythia 6.428 default
- ▲— Pythia 8.170 default

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

Legend:

- CMS
- Pythia 6.428 345
- ...□... Pythia 6.428 346
- △— Pythia 6.428 370
- - - □ - - - Pythia 6.428 default
- ▲— Pythia 8.170 default

Y-axis (top): $1 / \frac{dN}{dp_T d\lambda_0^0}$

Y-axis (bottom): Ratio to CMS

X-axis: groomed multiplicity (charged-only)

Source: CMS_2021_I1920187

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, $\geq 300k$ events