

Z+Jet

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

CMS_2021_I1920187

Rivet 3.1.10, $\geq 2.6\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

Top Panel: $(p_T^D)^2 \lambda_0^2$ (charged only) (CMS jet substructure)

Bottom Panel: Ratio to CMS

Legend:

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

Top Panel Y-axis: $\frac{1}{N} \frac{dN}{d \ln(p_T^D)^2 \lambda_0^2}$

Bottom Panel Y-axis: Ratio to CMS

X-axis: p_{TD2} (charged-only)

Source: CMS_2021_11920187

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, ≥ 2.6 M events