

Z+Jet

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

Bottom Panel: Ratio to CMS

Legend:

- CMS
- Herwig 7.2.1 default
- ▲— Pythia 8.170 default

Y-axis labels (Top Panel):  $\frac{dN}{dp_T d\lambda_0^2}$

Y-axis labels (Bottom Panel): Ratio to CMS

X-axis label: pTD2

Text in plot: CMS\_2021\_11920187

Text in plot: mcplots.cern.ch [arXiv:1306.3436]

Text in plot: Rivet 3.1.10, ≥ 400k events

Rivet 3.1.10,  $\geq 400k$  events

0.5