

CMS, 13 TeV, AK8 jets, Z+jet region,  $88 < p_T^{\text{jet}} < 120$  GeV

Y-axis (top):  $\frac{1}{\#} \frac{dN}{dp_T} \frac{d\lambda}{d\lambda}$

Y-axis (bottom): Ratio to CMS

X-axis: pTD2

Legend:

- CMS
- Herwig 7.2.1 default
- △— Pythia 6.428 370
- ▲— Pythia 8.315 default
- ...♦... Sherpa 2.2.9 default

(CMS\_2021\_I1920187)

mcplots.cern.ch [arXiv:1306.3436]

Rivet 4.1.0,  $\geq 100k$  events

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2

0.5

pTD2