

Z+Jet

Groomed $(p_T^D)^2 \lambda_0^2$ (CMS jet substructure)

Legend:

- CMS
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- - □ - - Pythia 6.428 p2010

Top Panel: $\frac{1}{N} \frac{dN}{dp_{TD2}}$ vs groomed p_{TD2}

Bottom Panel: Ratio to CMS vs groomed p_{TD2}

Y-axis Labels:

- Top: $\frac{1}{N} \frac{dN}{dp_{TD2}}$
- Bottom: Ratio to CMS

X-axis Label: groomed p_{TD2}

Text in Plot: CMS_2021_11320187

Rivet 3.1.10, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

groomed pTD2