

Z+Jet

Figure 1 displays the comparison of groomed LHA $\lambda^1_{0.5}$ distributions. The top panel shows the distribution of groomed LHA $\lambda^1_{0.5}$ (CMS jet substructure) for CMS data (black squares), Herwig++ 2.7.1 default (orange dashed line with circles), and Herwig 7.2.1 default (green dashed line with squares). The bottom panel shows the ratio of the distributions to the CMS distribution, with yellow and green shaded regions indicating the uncertainty bands. The x-axis is groomed LHA, ranging from 0 to 1. The y-axis for the top panel is $dN/d\ln \lambda$, ranging from 0 to 1000. The y-axis for the bottom panel is Ratio to CMS, ranging from 0.5 to 2.0.

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

mcplots.cern.ch [arXiv:1306.3436]

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