

Z+Jet

Figure 1: LHA $\lambda_{0.5}^1$ (CMS jet substructure). The figure consists of two panels. The top panel shows the distribution of LHA $\lambda_{0.5}^1$ for CMS data (black squares) and Herwig++ 2.7.1 default (orange dashed line with circles) and Herwig 7.2.1 default (green dashed line with squares) models. The x-axis is LHA $\lambda_{0.5}^1$ (0 to 1) and the y-axis is $1/N \frac{dN}{d\ln\lambda_{0.5}^1}$ (0 to 1000). The bottom panel shows the ratio of the models to the CMS data, with a yellow band representing the ratio range and a green band representing the ratio range. The x-axis is LHA $\lambda_{0.5}^1$ (0 to 1) and the y-axis is Ratio to CMS (0.5 to 2).

mcplots.cern.ch [arXiv:1306.3436]

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

2

0.

LHA