

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 $\lambda_{0.5}^1$ for CMS data (black squares) and two Herwig++ models (orange circles and green squares). The x-axis is $\lambda_{0.5}^1$ (0 to 1) and the y-axis is $1/N \frac{dN}{d\ln\lambda_{0.5}^1}$ (0 to 10000). The bottom panel shows the ratio of the two models to the CMS data, with a yellow band for the Herwig++ 2.7.1 default model and a green band for the Herwig 7.2.1 default model. The x-axis is $\lambda_{0.5}^1$ (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, ≥ 2 M events

2

1

10

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