

Jets

Figure 1 displays the LHA $\lambda_{0.5}^1$ (CMS jet substructure) results. The top panel shows the differential cross-section $\frac{dN}{dp_T}$ versus LHA, comparing CMS data (black squares) with Herwig++ 2.6.1a 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 Herwig models to the CMS data, with a horizontal line at 1 and a shaded green band representing the ratio range.

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, $\geq 400\text{k}$ events

2

0.5

LHA