

Jets

Figure 1 displays the comparison of Monte Carlo models for the p_{TD2} distribution. The top panel shows the distribution of p_{TD2} (charged-only) for three models: Herwig++ 2.7.1 default (orange dashed line with circles), Herwig 7.2.1 default (green dashed line with squares), and Herwig 7.2.1 softTune (blue solid line with triangles). The bottom panel shows the ratio of the distribution to the CMS data, with a green shaded region indicating the ratio and a yellow shaded region indicating the uncertainty. The x-axis for both panels is p_{TD2} (charged-only) ranging from 0 to 1. The y-axis for the top panel is $1/N \cdot dN/dp_{TD2}$, 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, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

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