

Z+Jet

Figure 1 consists of two panels. The top panel shows the differential cross-section $\frac{dN}{dp_T}$ as a function of p_T (GeV) for three models: Herwig++ 2.7.1 default (orange dashed line with open circles), Herwig 7.2.1 default (green dashed line with open squares), and Herwig 7.2.1 softTune (blue solid line with filled triangles). The data points are from CMS (black squares). The bottom panel shows the ratio of the cross-section to the CMS data as a function of width. The ratio is shown for two different values of the parameter α , 0.1 (yellow) and 0.5 (green). The ratio is plotted on a logarithmic scale from 0.5 to 2.0. A horizontal line at 1.0 indicates the ratio of 1.0.

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, ≥ 2 M events