

Z+Jet

Figure 1 consists of two panels. The top panel is a line plot showing the distribution of the width of the N-jettiness distribution for three different Herwig models: Herwig++ 2.5.0 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 x-axis is labeled 'width' and ranges from 0 to 1. The y-axis is labeled 'mathrm dN / mathrm dln mathrm d_T' and ranges from 0 to 10000. The bottom panel is a histogram showing the ratio of the width of the N-jettiness distribution to the CMS result, with a horizontal line at 1.0. The x-axis is labeled 'width' and ranges from 0 to 1. The y-axis is labeled 'Ratio to CMS' and ranges from 0.5 to 2.0. The histogram is colored yellow and green, with the green part representing the ratio being close to 1.0 and the yellow part representing the ratio being significantly above 1.0.

mcplots.cern.ch [arXiv:1306.3436]