

Z+Jet

Figure 1 consists of two panels. The top panel is a plot of the multiplicity distribution of jets in CMS (black squares) and Herwig 7.2.1 default (green dashed line with open squares). The x-axis is labeled 'multiplicity' and ranges from 0 to 60. The y-axis is labeled '1 / (dN / d p_T d lambda_0^0)' and ranges from 0 to 160. The bottom panel is a histogram showing the ratio of the Herwig 7.2.1 default distribution to the CMS distribution. The x-axis is labeled 'multiplicity' and ranges from 0 to 60. The y-axis is labeled 'Ratio to CMS' and ranges from 0.5 to 2. The histogram is colored yellow and green, with a horizontal line at 1.0.

mcplots.cern.ch [arXiv:1306.3436] Rivet 3.1.10, 2.6M events

A vertical axis with tick marks and labels 0., 1, and 2.

multiplicity