

Z+Jet

Figure 1 consists of two panels. The top panel is a line plot showing the ratio of the number of events to the number of events in the CMS dataset as a function of the width of the signal region. 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. The plot shows two data series: 'Herwig 7.2.1 default' (green dashed line with open squares) and 'Pythia 8.308 default' (blue solid line with solid triangles). Both series show a decreasing trend as the width increases. The bottom panel is a stacked histogram showing the ratio of the number of events to the number of events in the CMS dataset as a function of the width of the signal region. 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. The histogram is divided into two regions: a green region (bottom) and a yellow region (top). The green region represents the ratio of the number of events to the number of events in the CMS dataset as a function of the width of the signal region. The yellow region represents the ratio of the number of events to the number of events in the CMS dataset as a function of the width of the signal region.

mcplots.cern.ch [arXiv:1306.3436]

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