

Z+Jet

Figure 1 consists of two panels. The top panel is a line plot showing the ratio of the LHA model to the CMS data for the LHA model. The x-axis is labeled 'LHA' and ranges from 0 to 1. The y-axis is labeled 'Ratio to CMS' and ranges from 0.5 to 2. The plot shows three data series: 'Pythia 8.308 default' (blue line with upward triangles), 'Pythia 8.308 default-noFsr' (purple line with upward triangles), and 'Pythia 8.308 default-noRap' (teal line with upward triangles). The 'Pythia 8.308 default' series shows a peak around LHA = 0.25, while the other two series show a peak around LHA = 0.15. The bottom panel is a histogram showing the ratio of the LHA model to the CMS data for the LHA model. The x-axis is labeled 'LHA' and ranges from 0 to 1. The y-axis is labeled 'Ratio to CMS' and ranges from 0.5 to 2. The histogram shows a distribution of ratios, with a peak around LHA = 0.25. The histogram is colored yellow and green.

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, $\geq 2.5\text{M}$ events