

Z+Jet

Figure 1 consists of two panels. The top panel shows the multiplicity distribution of jets in CMS data and Monte Carlo models. The x-axis is multiplicity (0 to 60) and the y-axis is the ratio to CMS (0.5 to 2.0). The legend indicates three data series: CMS (black squares), Herwig 7.2.1 default (green dashed line with squares), and Pythia 8.308 default (blue solid line with triangles). The bottom panel shows the ratio of the Monte Carlo models to the CMS data, with the green shaded region representing the ratio of Herwig 7.2.1 default to CMS data and the yellow shaded region representing the ratio of Pythia 8.308 default to CMS data. The x-axis is multiplicity (0 to 60) and the y-axis is the ratio to CMS (0.5 to 2.0).

mcplots.cern.ch [arXiv:1306.3436]