

Z+Jet

Figure 1 consists of two panels. The top panel shows the differential distribution $\frac{dN}{dp_T}$ versus multiplicity. The y-axis is logarithmic, ranging from 1000 to 10000. The x-axis is multiplicity, ranging from 0 to 60. The legend indicates four data series: CMS (black squares), Herwig 7.2.1 default (green dashed line with open squares), Pythia 8.308 default (blue solid line with triangles), and Sherpa 1.4.5 default (red dotted line with diamonds). The bottom panel shows the ratio of the distributions to the CMS distribution, with a y-axis ranging from 0.5 to 2. The x-axis is multiplicity, ranging from 0 to 60. The ratio is shown as a yellow and green shaded region, with a horizontal line at 1.0. The text 'CMS_2021_I1920187' is visible in the top panel.

mcplots.cern.ch [arXiv:1306.3436]