

Z+Jet

Figure 1 consists of two panels. The top panel is a log-linear plot showing the multiplicity distribution $\frac{dN}{d\lambda}$ (y-axis, logarithmic scale from 10^{-8} to 10) versus multiplicity (x-axis, linear scale from 0 to 30). The data points are black squares representing CMS results. The distribution peaks around multiplicity 7-8. The bottom panel is a linear plot showing the ratio of the multiplicity distribution to the CMS distribution (Ratio to CMS, y-axis, linear scale from 0.5 to 2) versus multiplicity (x-axis, linear scale from 0 to 30). The ratio is shown as a green shaded band, indicating the uncertainty. The ratio is generally close to 1, with some fluctuations, particularly at higher multiplicities where it reaches up to 2.

mcplots.cern.ch [arXiv:1306.3436]