

Z+Jet

Figure 1 displays the multiplicity distribution of jets in CMS and Pythia 8.308 models. The top panel shows the multiplicity distribution (1/N dN/dp_T) for CMS (black squares) and three Pythia 8.308 models: default (blue triangles), default-noFsr (purple triangles), and default-noRap (cyan triangles). The bottom panel shows the ratio of the Pythia 8.308 models to the CMS distribution, with a yellow shaded region for the ratio between 0.5 and 1.5, and a green shaded region for the ratio between 1 and 2. The x-axis is multiplicity (0 to 60) and the y-axis is 1/N dN/dp_T (0 to 300).

mcplots.cern.ch [arXiv:1306.3436]