

Jets

Figure 1: Multiplicity λ_0^0 (CMS jet substructure). The plot shows the distribution of λ_0^0 multiplicity in CMS jet substructure. The top panel displays the normalized differential event rate $\frac{1}{N} \frac{dN}{dp_T d\lambda_0^0}$ versus multiplicity. The bottom panel shows the ratio of the model distributions to the CMS data, with yellow representing Herwig and green representing Pythia. A horizontal line at 1.0 indicates the ratio of 1. The x-axis for both panels is multiplicity, ranging from 0 to 60. The y-axis for the top panel is $\frac{1}{N} \frac{dN}{dp_T d\lambda_0^0}$, ranging from 0 to 120. The y-axis for the bottom panel is the ratio to CMS, ranging from 0.5 to 2.0. The plot is titled 'Multiplicity λ_0^0 (CMS jet substructure)' and includes a reference to 'CMS_2021_11920187'.

mcplots.cern.ch [arXiv:1306.3436] Rivet 3.1.10, $\geq 2.8\text{M}$ events

2

1

10.

0