

Figure 1 displays the groomed multiplicity distribution. The top panel shows the differential distribution $\frac{dN}{dp_T d\lambda}$ versus groomed multiplicity on a logarithmic scale. The bottom panel shows the ratio of the distribution to the CMS distribution versus groomed multiplicity on a linear scale. The x-axis for both panels is groomed multiplicity, ranging from 0 to 150. The top panel's y-axis is logarithmic, ranging from 10^{-6} to 1. The bottom panel's y-axis is linear, ranging from 0.5 to 2. The bottom panel also features a shaded region representing the ratio of the distribution to the CMS distribution, with a horizontal line at 1.0. The text "(CMS_2021_I1920187)" is present in the bottom panel.

(CMS_2021_I1920187)

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

groomed multiplicity