

The figure consists of two panels. The top panel shows the groomed thrust distribution $\frac{1}{N} \frac{dN}{d\lambda} \frac{d\lambda}{d\ln p_T}$ on a logarithmic scale (from 10^{-2} to 10^3) versus the groomed thrust λ (from 0 to 1). The bottom panel shows the ratio of the distribution to the CMS data on a linear scale (from 0.5 to 2) versus the groomed thrust λ (from 0 to 1). Both panels include data from CMS (black squares) and theoretical predictions from Herwig 7.2.1 default (green dashed line with open squares), Pythia 8.201 default (blue solid line with solid triangles), and Sherpa 2.2.9 default (red dotted line with solid diamonds). The top panel is labeled 'CMS, 13 TeV, AK4 jets, central dijet region, $254 < p_T^{\text{dijet}} < 326$ GeV' and the bottom panel is labeled 'Ratio to CMS'. The x-axis for both panels is 'groomed thrust'.

(CMS_2021_I1920187)

mcplots.cern.ch [arXiv:2401.10621]

0.5