

Jets

The figure displays the groomed LHA $\lambda^1_{0.5}$ distribution. The top panel shows the distribution $\frac{dN}{d\ln \lambda^1_{0.5}}$ versus $\ln \lambda^1_{0.5}$ for CMS (black squares), Pythia 8.170 default (blue triangles), and Pythia 8.170 tune-4cx (orange squares). The bottom panel shows the ratio of the distributions to the CMS distribution, with a green band indicating the ratio range and a yellow band indicating the uncertainty. The x-axis for both panels is 'groomed LHA' ranging from 0 to 1.

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, $\geq 300k$ events

2

0.5

groomed LHA