

Jets

The figure displays the ratio of groomed LHA $\lambda_{0.5}^1$ to CMS data for different Monte Carlo models. The top panel shows the ratio on a logarithmic scale from 10^0 to 10^4 . The bottom panel shows the ratio on a linear scale from 0.5 to 2.0. The x-axis is 'groomed LHA' from 0 to 1. The legend includes CMS (black squares), Herwig++ 2.7.1 default (orange dashed line with circles), Herwig 7.2.1 default (green dashed line with squares), and Pythia 8.212 default (blue solid line with triangles). The bottom panel also shows a yellow shaded region representing the ratio to CMS.

Rivet 3.1.10, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

groomed LHA