

Jets

Top panel: Groomed width λ_1^1 (CMS jet substructure). The y-axis is $\frac{dN}{dp_T d\lambda_1^1}$ (0 to 10000). The x-axis is groomed width (0 to 1). The legend indicates: CMS (black squares), Herwig++ 2.6.1a default (orange dashed line with circles), and Herwig 7.2.1 default (green dashed line with squares). The bottom panel shows the ratio of the model distributions to the CMS data, with a yellow band indicating the ratio range. The y-axis is Ratio to CMS (0.5 to 1.5). The x-axis is groomed width (0 to 1). The text 'CMS_2021_I1920187' is visible in the top panel.

Herwig++ 2.6.1a default

Herwig 7.2.1 default

CMS_2021_I1920187

Ratio to CMS

groomed width