

Jets

Figure 1 consists of two panels. The top panel shows the distribution of groomed p_{TD2} for four models: CMS (black squares), Herwig++ 2.7.1 default (orange dashed line with open circles), Herwig 7.2.1 default (green dashed line with open squares), and Pythia 8.170 default (blue solid line with solid triangles). The x-axis is groomed p_{TD2} (0 to 1) and the y-axis is $1/N \frac{dN}{d \ln p_{TD2}}$ (0 to 3000). The bottom panel shows the ratio of the model distributions to the CMS distribution, with a green band indicating the ratio is within 10% of the CMS distribution. The x-axis is groomed p_{TD2} (0 to 1) and the y-axis is Ratio to CMS (0.5 to 2). The CMS data points are shown as black squares.