

Z+Jet

Figure 1 consists of two panels. The top panel is a plot of the width of the first jet substructure, λ_1 , in CMS units. The x-axis is labeled 'width' and ranges from 0 to 1. The y-axis is labeled 'mathrm dN / mathrm d p_T mathrm d lambda_1' and ranges from 0 to 1000. The plot shows the distribution of the width of the first jet substructure for the CMS data (black squares) and the Herwig 7.2.1 default model (green dashed line with open squares). The Herwig 7.2.1 default model shows a peak around $\lambda_1 \approx 0.2$, while the CMS data is more uniform. The bottom panel is a plot of the ratio of the Herwig 7.2.1 default model to the CMS data, labeled 'Ratio to CMS'. The x-axis is the same as the top panel. The y-axis ranges from 0.5 to 2.0. The ratio is mostly between 0.8 and 1.2, indicating a good agreement between the two models. The ratio is mostly between 0.8 and 1.2, indicating a good agreement between the two models.

2
1
0.

0.5