

Z+Jet

Figure 1 consists of two panels. The top panel, titled "Width λ_1^1 (CMS jet substructure)", shows the distribution of the width of the first jet substructure, λ_1 , for CMS data (black squares) and various Pythia models (red triangles, blue squares, orange squares, and blue triangles). The y-axis is labeled $1/N \frac{dN}{d \ln \lambda_1}$ and ranges from 0 to 1000. The x-axis is labeled "width" and ranges from 0 to 1. The bottom panel shows the ratio of the Pythia models to the CMS data, with a horizontal line at 1.0. The y-axis is labeled "Ratio to CMS" and ranges from 0.5 to 2.0. The x-axis is labeled "width" and ranges from 0 to 1. The bottom panel is titled "Ratio to CMS".

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