

Z+Jet

■ CMS
▲ Pythia 8.170 default

Figure 1 consists of two panels. The top panel shows the distribution of the top quark width, with the Pythia 8.170 default distribution (blue line with triangles) and the CMS distribution (black line with squares). The bottom panel shows the ratio of the width distribution to the CMS distribution, with a green shaded region indicating the ratio is between 0.5 and 1.5, and a yellow shaded region indicating the ratio is between 1.5 and 2.0. The x-axis for both panels is 'width' ranging from 0 to 1. The y-axis for the top panel is '1/N dN/dln p_T' ranging from 0 to 1000. The y-axis for the bottom panel is 'Ratio to CMS' ranging from 0.5 to 2.0.