

Jets

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.308 default

Figure 1 displays the groomed width distribution of the leading b-jet in $t\bar{t}$ events. The top panel shows the distribution of the groomed width (x-axis, 0 to 1) for three models: Pythia 6.428 370 (red triangles), Pythia 6.428 default (orange squares), and Pythia 8.308 default (blue triangles). The bottom panel shows the ratio of the distribution to the CMS data (y-axis, 0.5 to 2). The CMS data is shown as black squares. The ratio is mostly around 1, indicating good agreement with the data.