

Z+Jet

Figure 1 consists of two panels. The top panel shows the distribution of the width of the transverse momentum of the leading b-jet, $dN/d\ln p_T$, for the CMS data (black squares) and the Herwig++ 2.7.1 default (orange dashed line with circles) and Herwig 7.2.1 default (green dashed line with squares) models. The bottom panel shows the ratio of the width distribution of the transverse momentum of the leading b-jet to the CMS data, Ratio to CMS, for the Herwig++ 2.7.1 default (yellow) and Herwig 7.2.1 default (green) models. The x-axis for both panels is the width, ranging from 0 to 1. The y-axis for the top panel is $dN/d\ln p_T$, ranging from 0 to 1000. The y-axis for the bottom panel is the Ratio to CMS, ranging from 0.5 to 2.5.

Rivet 3.1.10, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

width