

Jets

Rivet 3.1.10, $\geq 2.9\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

pTD2

 $\mathbf{d}^N$

↙

Ratio to CMS

Figure 1 consists of two panels. The top panel is a plot of the distribution of the ratio of the number of jets to the number of particles, p_{TD2} , for CMS data and two Herwig models. The x-axis is p_{TD2} (0 to 1) and the y-axis is the ratio of the number of jets to the number of particles (0.5 to 2). The CMS data is shown as black squares, Herwig++ 2.7.1 default as an orange dashed line with circles, and Herwig 7.2.1 default as a green dashed line with squares. The bottom panel is a plot of the ratio of the number of jets to the number of particles, p_{TD2} , for the same models. The x-axis is p_{TD2} (0 to 1) and the y-axis is the ratio of the number of jets to the number of particles (0.5 to 2). The CMS data is shown as black squares, Herwig++ 2.7.1 default as an orange dashed line with circles, and Herwig 7.2.1 default as a green dashed line with squares. The top panel also shows the distribution of the ratio of the number of jets to the number of particles, p_{TD2} , for the same models. The x-axis is p_{TD2} (0 to 1) and the y-axis is the ratio of the number of jets to the number of particles (0.5 to 2).