

Z+Jet

Figure 1: LHA $\lambda_{0.5}^1$ (CMS jet substructure). The figure consists of two panels. The top panel is a plot of the differential event rate $\frac{dN}{d\ln\lambda_{0.5}^1}$ versus $\lambda_{0.5}^1$. It shows CMS data points (black squares) and a Pythia 8.183 default model prediction (blue line with triangles). The bottom panel is a ratio plot showing the ratio of the Pythia 8.183 default model prediction to the CMS data, with a yellow shaded band indicating the uncertainty.

Rivet 3.1.10, 500k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

LHA