

Jets

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

pTD2

 $\mathbf{d}^N$

Figure 1: A plot showing the ratio of the number of events to the CMS experiment, N / N_{CMS} , as a function of the ratio of the decay constant to the λ parameter, d / λ . The x-axis ranges from 0.5 to 2.0, and the y-axis ranges from 0 to 1.0. A horizontal line is drawn at $N / N_{\text{CMS}} = 1.0$. The curve starts at approximately (0.5, 0.5), rises to a peak of about 0.8 at $d / \lambda \approx 0.7$, and then decreases, crossing the $N / N_{\text{CMS}} = 1.0$ line at $d / \lambda \approx 1.2$, and continues to decrease towards 0.5 at $d / \lambda = 2.0$.

