

13000 GeV pp

Jets

Groomed $(p_T^D)^2 \lambda_0^2$ (CMS jet substructure)

- CMS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 vincia-default

 $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_T \text{mathrm{d} \lambda_0^2}}}$ $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_T \text{mathrm{d} \lambda_0^2}}}$ $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_T \text{mathrm{d} \lambda_0^2}}}$ $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_T \text{mathrm{d} \lambda_0^2}}}$ $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_T \text{mathrm{d} \lambda_0^2}}}$ $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_T \text{mathrm{d} \lambda_0^2}}}$ $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_T \text{mathrm{d} \lambda_0^2}}}$ $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_T \text{mathrm{d} \lambda_0^2}}}$ $\frac{1}{\text{mathrm{d} N / \text{mathrm{d} p_T \text{mathrm{d} \lambda_0^2}}}$

Ratio to CMS

Rivet 3.1.10, $\geq 2.3\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

groomed pTD2

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