

Groomed thrust  $\lambda_2^1$  (CMS jet substructure)

- CMS  
—▲— Pythia 8.170 default  
- - -◆- - - Sherpa 2.2.9 default

CMS\_2021\_I1920187

Rivet 3.1.10,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

$$\frac{1}{\mathrm{d} N / \mathrm{d} p_{\mathrm{T}} \mathrm{d} p_{\mathrm{T}} \mathrm{d} N} \mathrm{d}^4 N$$
$$\frac{1}{\mathrm{d} N / \mathrm{d} p \mathrm{d} p_{\mathrm{T}} \mathrm{d} \lambda \mathrm{d} \lambda_{\mathrm{bda}} \mathrm{d}^4 N}$$

Ratio to CMS

groomed thrust