

13000 GeV pp

Jets

Groomed  $(p_T^D)^2 \lambda_0^2$  (CMS jet substructure) $\frac{1}{\text{mathrm d} N / \text{mathrm d} p_T \text{mathrm d} \lambda_0}$  $\frac{1}{\text{mathrm d} N / \text{mathrm d} p_T \text{mathrm d} \lambda_0}$  $\frac{1}{\text{mathrm d} N / \text{mathrm d} p_T \text{mathrm d} \lambda_0}$ 

Ratio to CMS

Rivet 3.1.10,  $\geq 2.8\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

- CMS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- + Pythia 6.428 349
- △ Pythia 6.428 370

CMS\_2021\_1920187

groomed pTD2

