

13000 GeV pp

Jets

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

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

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

Ratio to CMS

Rivet 3.1.10, ≥ 2.4 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

groomed pTD2

