

7000 GeV pp

Soft QCD

Differential jet shape $p_T^j > 5 \text{ GeV}$, $|h^j| < 1.9$, $10 < N_{\text{ch}} < 30$ ρ

0.6

0.5

0.4

0.3

0.2

0.1

CMS

Pythia 6.428 370

Pythia 6.428 378

Pythia 6.428 379

Rivet 3.1.10, $\geq 2M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

Ratio to CMS

2

1

0.5

2

1

0.5

0

0.1

0.2

0.3

0.4

R

0

1

2

3

4

5

6

7

8

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10

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