

7000 GeV pp

Soft QCD

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

CMS

Pythia 8.170 default

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

 ρ

0.6

0.5

0.4

0.3

0.2

0.1

0

0.1

0.2

0.3

0.4

 R

Ratio to CMS

2

1

0.5

CMS_2013_I1261026

2

2

1

0.5

 ρ ρ