

7000 GeV pp

Soft QCD

Differential jet shape $p_T^j > 5 \text{ GeV}$, $|h^j| < 1.9$, $30 < N_{\text{ch}} < 50$

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-CD
- ▲ Pythia 8.308 default-DL
- ▲ Pythia 8.308 default-MBR

 Rivet 3.1.10, $\geq 2.7M$ events
 mcplots.cern.ch [arXiv:1306.3436]
 ρ

0.6
0.5
0.4
0.3
0.2
0.1

CMS_2013_I1261026

Ratio to CMS

2
1
0.5

0 0.1 0.2 0.3 0.4

 R