

7000 GeV pp

Soft QCD

 ρ Differential jet shape ρ ($p_T^j > 5$ GeV, $|\eta^j| < 1.9$, $110 < N_{ch} < 140$)

- CMS
- ▲ Pythia 8.235 default
- -▲ Pythia 8.235 default-CD
- -▲ Pythia 8.235 default-DL
- ⋯▲ Pythia 8.235 default-MBR

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

 ρ

Ratio to CMS

2

1

0.5

2

1

0.5

0

0.1

0.2

0.3

0.4

R

