

7000 GeV pp

Soft QCD

 ρ Differential jet shape ρ ($p_T^j > 5$ GeV, $|\eta^j| < 1.9$, $30 < N_{ch} < 50$)

- CMS
- ▲ Pythia 8.308 default
- ◆ Sherpa 2.2.2 default

0.6

0.5

0.4

0.3

0.2

0.1

0

Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2013_I1261026

Ratio to CMS

2

1

0.5

2

1

0.5

R

0

0.1

0.2

0.3

0.4

0.5