

7000 GeV pp

Soft QCD

 ρ Differential jet shape ρ ($p_T^j > 5$ GeV, $|\eta^j| < 1.9$, $80 < N_{ch} < 110$)

- CMS
- - □ - - Herwig 7.2.1 default
- - ▲ - - Pythia 8.235 default
- - ◆ - - Sherpa 2.2.9 default

0.5

0.4

0.3

0.2

0.1

0

Rivet 3.1.10, $\geq 400k$ 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 0.5

R

R