

7000 GeV pp

Soft QCD

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.308 default
- ◆- Sherpa 2.2.9 default

0.5

0.4

0.3

0.2

0.1

0.0

Rivet 3.1.10,  $\geq 2.8\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

0

2

2

Ratio to CMS

0.5

1

0.5

R

0

0.1

0.2

0.3

0.4