

7000 GeV pp

Soft QCD

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

- 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

Rivet 3.1.10,  $\geq 3.2\text{M}$  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

R

