

7000 GeV pp

Soft QCD

Differential jet shape  $p_T^j > 5 \text{ GeV}$ ,  $|h^j| < 1.9$ ,  $50 < N_{\text{ch}} < 80$ 

■ CMS

---○--- Herwig++ 2.7.1 default

---□--- Herwig 7.2.1 default

—▲— Pythia 8.308 default

...◆... Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 2.5M$  events

mcplots.cern.ch [arXiv:1306.3436]

 $\rho$ 

0.6

0.5

0.4

0.3

0.2

0.1

CMS\_2013\_I1261026

Ratio to CMS

2

2

1

0.5

0

0.1

0.2

0.3

0.4

R