

7000 GeV pp

Soft QCD

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

■ CMS

---○--- Herwig++ 2.7.1 default

---□--- Herwig 7.2.1 default

—▲— Pythia 8.308 default

Rivet 3.1.10,  $\geq 2.7M$  events

mcplots.cern.ch [arXiv:1306.3436]

 $\rho$ 

0.5

0.4

0.3

0.2

0.1

CMS\_2013\_I1261026

 $R$ 

0

0.1

0.2

0.3

0.4

Ratio to CMS

2

2

1

0.5

0.5

1

1

1

1

1

2

1

1

