

7000 GeV pp

Soft QCD

 $\rho$ 

0.6

0.5

0.4

0.3

0.2

0.1

0

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

■ CMS

-○- Herwig++ 2.7.1 default

— Herwig++ 2.7.1 UE-EE-5

-□- Herwig 7.2.1 default

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

