

7000 GeV pp

Soft QCD

 ρ

0.6

0.5

0.4

0.3

0.2

0.1

0

Differential jet shape ρ ($p_T^j > 5$ GeV, $|\eta^j| < 1.9$, $30 < N_{ch} < 50$)

■ CMS

-○- Herwig++ 2.7.1 default

— Herwig++ 2.7.1 UE-EE-5

-□- Herwig 7.2.1 default

CMS_2013_I1261026

Rivet 3.1.10, ≥ 3.2 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

0.1

0.2

0.3

0.4

R

