

7000 GeV pp

Soft QCD

 $\rho$ Differential jet shape  $\rho$  ( $p_T^j > 5$  GeV,  $|\eta^j| < 1.9$ ,  $10 < N_{ch} < 30$ )

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.308 default

0.6

0.5

0.4

0.3

0.2

0.1

0

Rivet 3.1.10,  $\geq 1.6$ M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

Ratio to CMS

2

2

1

1

0.5

0.5

0

0.1

0.2

0.3

0.4

R

