

7000 GeV pp

Soft QCD

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

- CMS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- · - · ■ - · Pythia 6.428 default
- ▲— Pythia 8.170 default

Rivet 3.1.10,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

Ratio to CMS

2

1

0.5

R