

7000 GeV pp

Soft QCD

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

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

0.6

0.5

0.4

0.3

0.2

0.1

0

CMS\_2013\_I1261026

Rivet 3.1.10,  $\geq 2.3\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

2

2

Ratio to CMS

0.5

1

1

0.5

0

0.1

0.2

0.3

0.4

R

