

7000 GeV pp

Soft QCD

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

CMS

Pythia 8.170 default

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

 $\rho$ 

0.5

0.4

0.3

0.2

0.1

0

0.1

0.2

0.3

0.4

 $R$ 

Ratio to CMS

2

1

0.5

0.5

2

1

