

7000 GeV pp

Soft QCD

Differential jet shape $(p_T^j > 5 \text{ GeV}, |\eta^j| < 1.9, 80 < N_{ch} < 110)$ ρ

0.5

0.4

0.3

0.2

0.1

0

0.1

0.2

0.3

0.4

0.5



CMS

Pythia 6.428 345

Pythia 6.428 346

Pythia 6.428 370

Pythia 6.428 ambt1

Pythia 6.428 z1

Pythia 6.428 z2

CMS_2013_I1261026

Rivet 3.1.10, $\geq 2.1 \text{ M events}$

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

