

7000 GeV pp

Soft QCD

 ρ Differential jet shape $(p_T^j > 5 \text{ GeV}, |\eta^j| < 1.9, 110 < N_{ch} < 140)$

- CMS
- △— Pythia 6.428 370
- ⋯△⋯ Pythia 6.428 373
- -○- - Pythia 6.428 374
- ⋯○⋯ Pythia 6.428 375
- -△- - Pythia 6.428 381
- -▽- - Pythia 6.428 382

0.5

0.4

0.3

0.2

0.1

0.0

CMS_2013_I1261026

Rivet 3.1.10, $\geq 3M$ events

mcplots.cern.ch [arXiv:1306.3436]

 ρ

2

2

Ratio to CMS

1

0.5

1

0.5

0

0.1

0.2

0.3

0.4

R

