

P

0.7

0.6

0.5

0.4

0.3

0.2

0.1

0

0.2

0.1

0

0.5

1

2

0.5

1

2

0.5

1

2

Differential jet shape $(p_T^j > 5 \text{ GeV}, |\eta^j| < 1.9, 10 < N_{ch} < 30)$

- CMS
- Pythia 6.428 350
- -▲- - Pythia 6.428 351
- -▼- - Pythia 6.428 352
- -△- - Pythia 6.428 353
- -○- - Pythia 6.428 354
- -☆- - Pythia 6.428 355
- -□- - Pythia 6.428 356
- -●- - Pythia 6.428 357
- -◆- - Pythia 6.428 358
- -■- - Pythia 6.428 359

CMS_2013_I1261026

Rivet 3.1.10, $\geq 2.9M$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

R

0

0.1

0.2

0.3

0.4

0.5

1

2