

$\rho$ 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 atlas-csc
- - \* - - Pythia 6.428 d6t
- -■- - Pythia 6.428 default
- -▼- - Pythia 6.428 dw
- -○- - Pythia 6.428 p0

0.5

0.4

0.3

0.2

0.1

0

0

0

0

0

0

0

0

0

0

0

0

0

CMS\_2013\_I1261026

Rivet 3.1.10,  $\geq 2M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

1

1

0.5

0.5

0.5

2

1

1

1

0.5

0.5

0.5

R