

$\rho$ Differential jet shape  $\rho$  ( $p_T^j > 5$  GeV,  $|\eta^j| < 1.9$ ,  $30 < N_{ch} < 50$ )

- CMS
- ▲ Pythia 8.235 default
- -▲ Pythia 8.235 default-CD
- -▲ Pythia 8.235 default-DL
- ⋯▲ Pythia 8.235 default-MBR

0.6

0.5

0.4

0.3

0.2

0.1

0

CMS\_2013\_I1261026

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

 $\rho$ 

2

1

0.5

Ratio to CMS

2

1

0.5

R

0

0.1

0.2

0.3

0.4