

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

- CMS
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ⋯▲ Pythia 8.308 default-MBR

0.6

0.5

0.4

0.3

0.2

0.1

0

0

0

0

0

0

0

0

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0

0

CMS\_2013\_I1261026

Ratio to CMS

0.5

1

1

2

2

2

2

2

2

Rivet 3.1.10,  $\geq 3M$  events

mcplots.cern.ch [arXiv:1306.3436]

2

2

2

2

2

2

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