

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

- CMS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-AU2
- ◆ Pythia 8.308 tune-AU2lox
- Pythia 8.308 tune-AU2loxx
- ★ Pythia 8.308 tune-AU2m

0.6

0.5

0.4

0.3

0.2

0.1

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

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0.0

0.0

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0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

0.0

CMS_2013_I1261026

Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

2

1

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

R

0

0.1

0.2

0.3

0.4

0.5