

200 GeV pp

Underlying Event

Away region charged particle density

- STAR
- - ■ Pythia 6.424 default
- - ▲ Pythia 8.315 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(STAR_2009_UE_HELEN)

Ratio to STAR

0.5

1

2

0.5

1

2

 $p_T(\{\text{leading jet}\}) / \text{GeV}$ $\langle N_{\text{ch}} \rangle / \{\text{jet area}\}$

9

8

7

6

5

4

3

2

1

0

9

8

7

6

5

4

3

2

1

0

9

8

7

6

5

4

3

2

1

0

10

20

30

40