

200 GeV pp

Underlying Event

Away region charged particle density

- STAR
- ▲ Pythia 8.315 default
- ◆ Sherpa 1.2.3 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

 $p_T(\text{leading jet}) / \text{GeV}$

10

20

30

40

9

8

7

6

5

4

3

2

1

0

 $\langle N_{\text{ch}} \rangle / \{\text{jet area}\}$