

200 GeV pp

Underlying Event

Away region charged particle density

- STAR
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(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

0

1

2

3

4

5

6

7

8

9