

200 GeV pp

Underlying Event

Average Charged Particle Density(AWAY)

- STAR
- - □ Herwig 7.0.3 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 1.4.1 default

Rivet 3.1.0, ≥ 7.2M events

mcplots.cern.ch [arXiv:1306.3436]

(STAR_2009_UE_HELEN)

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

12

10

8

6

4

2

0

0

2

1

0.5

2

1

0.5

Ratio to STAR

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

10

20

30

40

0