

200 GeV pp

Underlying Event

Average Charged Particle Density(AWAY)

- STAR
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.150 default
- - ◆ Sherpa 1.3.1 default

Rivet 3.1.0, $\geq 5.7M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

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

20

18

16

14

12

10

8

6

4

2

0

(STAR_2009_UE_HELEN)

Ratio to STAR

2

1

0.5

10

20

30

40

 p_T (leading jet) / GeV