

200 GeV pp

Underlying Event

## Average Charged Particle Density(AWAY)

- STAR
- - □ Herwig 7.1.0 default
- - ▲ Pythia 8.186 default
- - ◆ Sherpa 2.2.8 default

Rivet 3.1.0, ≥ 6.1M events

mcplots.cern.ch [arXiv:1306.3436]

(STAR\_2009\_UE\_HELEN)

 $\langle N_{ch} \rangle / \text{jet area}$ 14  
12  
10  
8  
6  
4  
2  
0

Ratio to STAR

2  
1  
0.5

10

20

30

2  
1  
0.5 $p_T(\text{leading jet}) / \text{GeV}$ 