

200 GeV pp

Underlying Event

## Average Charged Particle Density(AWAY)

- STAR
- - □ Herwig 7.2.0 default
- · · ◆ Sherpa 1.4.5 default

Rivet 3.1.0,  $\geq 5.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

(STAR\_2009\_UE\_HELEN)

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

2

2

Ratio to STAR

0.5  
1  
20.5  
1  
2

10

20

30

40

 $p_{\text{T}}$  (leading jet) / GeV