

200 GeV pp

Underlying Event

Average Charged Particle Density(AWAY)

- STAR
- - □ Herwig 7.0.2 default
- ⋯ ◆ Sherpa 1.4.2 default

Rivet 3.1.0,  $\geq 7.5$ 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

1

0.5

Ratio to STAR

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