

## Average Charged Particle Density(AWAY)

- STAR
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.176 default
- - ◆ Sherpa 2.2.0 default

Rivet 3.1.0,  $\geq 5.7M$  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

2

1

0.5

Ratio to STAR

0.5

1

2

10

20

30

40

 $p_T$  (leading jet) / GeV

0