

200 GeV pp

Underlying Event

Average Charged Particle Density(AWAY)

- STAR
- - □ Herwig 7.2.0 default
- · · · ◆ Sherpa 2.2.8 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
02
1
0.5

Ratio to STAR

0.5
1
2 p_T (leading jet) / GeV2
1
0.50.5
1
2