

1960 GeV ppbar

Underlying Event

Average Charged Particle Density(AWAY) ($|\eta| < 1, p_T > 0.5$ GeV)

- CDF
- - □ Herwig 7.0.0 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 2.2.8 default

 $\langle N_{ch} \rangle / d\eta, d\phi$
Rivet 3.1.0, $\geq 7.2M$ events

mcplots.cern.ch [arXiv:1306.3436]

CDF_2010_S851881_QCD

Ratio to CDF

2
1
0.52
1
0.5 p_T (leading jet) / GeV