

1960 GeV ppbar

Underlying Event

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

- CDF
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.210 default
- - ◆ Sherpa 1.4.0 default

5

4

3

2

1

0

0

0

0

0

0

0

0

0

0

0

CDF\_2010\_S8591881\_QCD

Rivet 3.1.0,  $\geq 5.3M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CDF

0.5

0.5

0.5

2

1

1

1

1

1

1

 $p_T$  (leading jet) / GeV $\langle N_{ch} \rangle / d\eta, d\phi$