

1960 GeV ppbar

Underlying Event

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

- CDF
- - □ Herwig 7.0.3 default
- - ▲ Pythia 8.205 default
- - ◆ Sherpa 2.2.8 default

7

6

5

4

3

2

1

0

Rivet 3.1.0,  $\geq 7.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

CDF\_2010\_S8591881\_QCD

Ratio to CDF

2

1

0.5

2

1

0.5

0

50

100

150

200

 $p_T$  (leading jet) / GeV