

1960 GeV ppbar

Underlying Event

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

- CDF
- ▲ Pythia 8.301 default
- ▼ Pythia 8.301 tune-1
- Pythia 8.301 tune-2c
- Pythia 8.301 tune-2m

 $\langle N_{ch} \rangle / d\eta, d\phi$ 

14

12

10

8

6

4

2

0

Rivet 3.1.0,  $\geq 7.2$ 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

