

1960 GeV ppbar

Underlying Event

TransMAX region charged particle density

- CDF
- ▲ Pythia 8.301 default
- -● Pythia 8.301 tune-2c
- ...○ Pythia 8.301 tune-2m

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

Rivet 4.1.0, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

(CDF_2010_I849042)

Ratio to CDF

2

1

0.5

 $p_T(\{\text{leading jet}\}) / \text{GeV}$

0 100 200 300 400

0

0.5

1

1.5

2

2.5

3

3.5

4