

1800 GeV ppbar

Underlying Event

 $N_{ch}$ 

Average Charged Particle Density (TRNS)

- CDF
- Herwig 7.2.0 default
- ▲— Pythia 8.170 default
- ...◆... Sherpa 1.2.3 default

16

14

12

10

8

6

4

2

0

CDF\_2001\_S4751469

Rivet 3.1.0,  $\geq 5.4M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CDF

2

1

0.5

2

1

0.5

20

30

40

50

 $p_T^{\text{lead}} / \text{GeV}$ 