

1800 GeV ppbar

Underlying Event

 $N_{ch}$ 

22

20

18

16

14

12

10

8

6

4

2

0

Average Charged Particle Density(TRNS)



CDF



Herwig++ 2.7.1 default



Herwig 7.2.0 default



Pythia 8.301 default



Pythia 8.301 vincia-default



Sherpa 1.4.5 default

Rivet 3.1.0,  $\geq 5.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

CDF\_2001\_64751469

Ratio to CDF

2

1

0.5

2

1

0.5

20

30

40

50

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