

1800 GeV ppbar

Soft QCD

Average  $p_T$  vs  $N_{ch}$  ( $|\eta| < 1$ ,  $p_T > 0.4$  GeV)

- CDF
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 1.4.3 default

$\langle p_T \rangle$

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

Ratio to CDF

2

1

0.5

Rivet 3.1.0,  $\geq 5.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

CDF\_2002\_S4796047

2

1

0.5

$N_{ch}$

0

10

20

 $N_{ch}$