

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

- CDF
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.176 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0,  $\geq 7.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

CDF\_2009\_S8233977

Ratio to CDF

2

1

0.5

0

10

20

30

40

 $N_{ch}$ 