

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

- CDF
- - □ Herwig 7.1.0 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 2.2.2 default

Rivet 3.1.0,  $\geq 7M$  events

mcplots.cern.ch [arXiv:1306.3436]

CDF\_2009\_S8233977

Ratio to CDF

2

2

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 7M$  eventsRivet 3.1.0,  $\geq 7M$  eventsRivet 3.1.0,  $\geq 7M$  eventsRivet 3.1.0,  $\geq 7M$  eventsRivet 3.1.0,  $\geq 7M$  events

0.5

1

2

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 7M$  eventsRivet 3.1.0,  $\geq 7M$  eventsRivet 3.1.0,  $\geq 7M$  eventsRivet 3.1.0,  $\geq 7M$  eventsRivet 3.1.0,  $\geq 7M$  events $N_{ch}$ 

0

10

20

30

40

2.5

2

1.5

1

0.5

2

1

0.5

 $\langle p_T \rangle / \text{GeV}$ 

Ratio to CDF