

200 GeV ppbar

Soft QCD

Average  $p_T$  vs  $N_{ch}$  (UA1, all  $p_T$ ) $\langle p_T \rangle [GeV]$ 

1

0.8

0.6

0.4

0.2

2

1

Ratio to UA1

0

20

40

60

 $n_{ch}$ 

■ UA1

- - □ - Herwig 7.0.1 default

- - ◆ - Sherpa 2.2.0 default

UA1\_1990\_S2044935

Rivet 3.1.0,  $\geq 6.8M$  events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5