

200 GeV ppbar

Soft QCD

Average  $p_T$  vs  $N_{ch}$  (UA1, all  $p_T$ )

- UA1
- ⋯+ Epos 1.99.crmc.1.3 default
- + Epos 1.99.crmc.1.3 lhc
- ▲ Pythia 8.209 default

Rivet 3.1.0,  $\geq 5.5M$  events

mcplots.cern.ch [arXiv:1306.3436]

UA1\_1990\_S2044935

Ratio to UA1

2

1

0.5

0

20

40

60

 $n_{ch}$ 