

200 GeV ppbar

Soft QCD

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

- UA1
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-q20

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(UA1\_1990\_I280412)

Ratio to UA1

2

1

0.5

0

20

40

60