

500 GeV ppbar

Soft QCD

Sum ET vs Nch(UA1, all  $p_T$ ) $\Sigma E_T$  [GeV] $10^2$ 

10

1

- UA1
- △ Pythia 6.428 370
- -○ Pythia 6.428 atlas-csc
- -\* Pythia 6.428 d6t
- -■ Pythia 6.428 default
- -▼ Pythia 6.428 dw
- Pythia 6.428 p0

UA1\_1990\_S2044935

Rivet 3.1.10,  $\geq 2$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to UA1

2

1

0.5

2

1

0.5

0

20

40

 $n_{ch}$ 