

500 GeV ppbar

Soft QCD

Sum ET vs Nch(UA1, all p_T) ΣE_T [GeV]

- UA1
- ▲ Pythia 8.170 default
- - - □ Pythia 8.170 tune-4cx

 10^2

10

1

UA1_1990_S2044935

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to UA1

2

2

0.5

0.5

0

20

40

 n_{ch} 