

200 GeV ppbar

Soft QCD

Charged multiplicity(UA5 NSD, $|\eta| < 0.5$, all p_T) $d\sigma/dn_{ch}$

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4} 

UA5

Pythia 6.428 345

Pythia 6.428 370

Pythia 6.428 ambt1

Pythia 6.428 z2

UA5_1989_S1926373

Ratio to UA5

2

1

0.5

Rivet 3.1.10, ≥ 2.7 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 n_{ch} 