

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 8.308 default



Pythia 8.308 tune-A14-CTEQL1



Pythia 8.308 tune-A14-MSTW2008LO



Pythia 8.308 tune-A14-NNPDF2.3LO



Pythia 8.308 tune-CUETP8S1

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}

0

5

10

15