

900 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} 10^{-5} 10^{-6} 

UA5



Herwig 7.2.1 default



Pythia 6.428 370



Pythia 8.308 default



Sherpa 2.2.9 default

UA5_1989_S1926373

Ratio to UA5

2

1

0.5

Rivet 3.1.10, ≥ 2.8 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 n_{ch} 