

900 GeV ppbar

Soft QCD

Charged multiplicity(UA5 NSD,  $|\eta| < 1.5$ , all  $p_T$ ) $d\sigma/dn_{ch}$ 1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$ 

- UA5
- Pythia 6.428 350
- △ Pythia 6.428 370
- △ Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

UA5\_1989\_S1926373

Rivet 3.1.10,  $\geq 2.6$ M events  
mcplots.cern.ch [arXiv:1306.3436]

Ratio to UA5

2  
1  
0.52  
1  
0.50 20 40 60  $n_{ch}$ 