

900 GeV ppbar

Soft QCD

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

1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$

- UA5
- Pythia 6.428 391
- +— Pythia 6.428 393
- Pythia 6.428 394
- ▼— Pythia 6.428 395

UA5\_1989\_S1926373

Rivet 3.1.10,  $\geq 1.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to UA5

2  
1  
0.5

2  
1  
0.5

0 10 20 30  
 $n_{ch}$

