

200 GeV ppbar

Soft QCD

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

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

■ UA5  
—▲ Pythia 8.212 default

UA5\_1989\_S1926373

Rivet 3.1.10, 400k events  
mcplots.cern.ch [arXiv:1306.3436]

Ratio to UA5

2  
1  
0.5

2  
1  
0.5

 $n_{ch}$ 

0

5

10

15