

900 GeV pp

Soft QCD

Charged multiplicity( $N_{\text{ch}} > 6, p_{\text{T}} > 0.5 \text{ GeV}$ )

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



ATLAS



Pythia 8.186 default

(ATLAS\_2010\_S8918562)

Rivet 3.1.10, 10M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

10

20

30

40

50

