

900 GeV pp

Soft QCD

Charged multiplicity ($N_{\text{ch}} > 1, p_{\text{T}} > 0.5 \text{ GeV}$) $1/\sigma \, d\sigma/dN_{\text{ch}}$

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

■ ATLAS
◆ Sherpa 2.2.9 default

ATLAS_2010_S8918562

Rivet 3.1.10, 2.9M events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.5

2
1
0.5

0

20

40

 N_{ch} 