

900 GeV pp

Soft QCD

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

1

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

ATLAS



Pythia 8.170 default

ATLAS_2010_S8918562

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

20

40

 N_{ch} 