

900 GeV pp

Soft QCD

Charged multiplicity ($N_{\text{ch}} > 1, p_{\text{T}} > 2.5 \text{ GeV}$) $1/\sigma \text{ d}\sigma/\text{d}N_{\text{ch}}$

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]



ATLAS



Pythia 8.170 default

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

 N_{ch}

0

2

4

6

8