

7000 GeV pp

Soft QCD

Charged multiplicity ($N_{\text{ch}} > 20, p_{\text{T}} > 0.1 \text{ GeV}$)Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

 $1/\sigma \text{ d}\sigma/\text{d}N_{\text{ch}}$ 10^{-5}
 10^{-4}
 10^{-3}
 10^{-2}
 10^{-1}
 1

- ATLAS
- ▲ Pythia 8.186 default
- -▲ Pythia 8.186 default-CD
- -▲ Pythia 8.186 default-DL
- ...▲ Pythia 8.186 default-MBR

ATLAS_2010_S8918562

Ratio to ATLAS

0.5
1
20.5
1
2 N_{ch}

50

100

150

200