

900 GeV pp

Soft QCD

Charged multiplicity ($N_{\text{ch}} > 6, p_{\text{T}} > 0.5 \text{ GeV}$) $1/\sigma \text{ d}\sigma/\text{d}N_{\text{ch}}$ Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.170 default

Ratio to ATLAS

2

1

0.5

 N_{ch} 