

900 GeV pp

Soft QCD

Charged multiplicity ($N_{\text{ch}} > 1, p_{\text{T}} > 2.5 \text{ GeV}$)Rivet 3.1.10, $\geq 2.8\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

 $1/\sigma \, d\sigma/dN_{\text{ch}}$

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

ATLAS_2010_S8918562

Ratio to ATLAS

2

1

0.5

 N_{ch} 