

900 GeV pp

Soft QCD

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

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]



ATLAS



Pythia 8.180 default

ATLAS\_2010\_S8918562

Ratio to ATLAS

2

1

0.5

 $N_{\text{ch}}$ 

0

2

4

6

8