

900 GeV pp

Soft QCD

Charged particle multiplicity as function of  $\eta$ 

- ATLAS
- △ Pythia 6.428 370
- - □ - - Pythia 6.428 391
- · - · ■ - · Pythia 6.428 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2010\_I849050)

 $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$ 

Ratio to ATLAS

 $\eta$ 