

900 GeV pp

Soft QCD

Charged particle multiplicity as function of η

- ATLAS
- △ Pythia 6.428 370
- -□- - Pythia 6.428 391
- . - .■- - Pythia 6.428 default
- ▲ Pythia 8.150 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I849050)

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

Ratio to ATLAS

 η 