

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
- ▲ Pythia 8.244 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2010\_I849050)

2

1

0.5

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

Ratio to ATLAS

