

900 GeV pp

Soft QCD

Charged particle multiplicity as function of η

- ATLAS
- Pythia 6.427 345
- Pythia 6.427 346
- △- Pythia 6.427 370
- △- Pythia 6.427 ambt1
- Pythia 6.427 z1
- Pythia 6.427 z2

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

 η 