7000 GeV pp — Soft QCD

Charged Particle η Distribution $(N_{ch} > 20, p_T > 0.1$ GeV$)$

- ATLAS
- Herwig 7.2.0 default
- Pythia 8.180 default
- Sherpa 1.4.3 default

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

ATLAS_2010_S8918562

Rivet 3.1.0, $\geq$ 5.4M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

η