900 GeV pp

Soft QCD

Charged Particle η Distribution ($N_{ch} > 0$, $|\eta| < 2.5$, $p_T > 0.5$ GeV)

■ ATLAS
□ Herwig 7.2.0 default
▲ Pythia 8.108.p1 default
◆ Sherpa 2.1.1 default

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

Rivet 3.1.0, ≥ 5.5M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8591806

Ratio to ATLAS

η