

7000 GeV pp

Soft QCD

Charged Particles Distribution ( $N_{ch} > 1, p_T > 2.5$  GeV) $1/N_{ev} dN_{ch}/d\eta$ 

- ATLAS
- Herwig 7.2.0 default
- ▲ Pythia 8.201 default
- ◆ Sherpa 2.2.0 default

Rivet 3.1.0,  $\geq 5.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

