

900 GeV pp

Soft QCD

Charged Particle η Distribution($N_{ch} > 1, p_T > 0.1$ GeV)

ATLAS

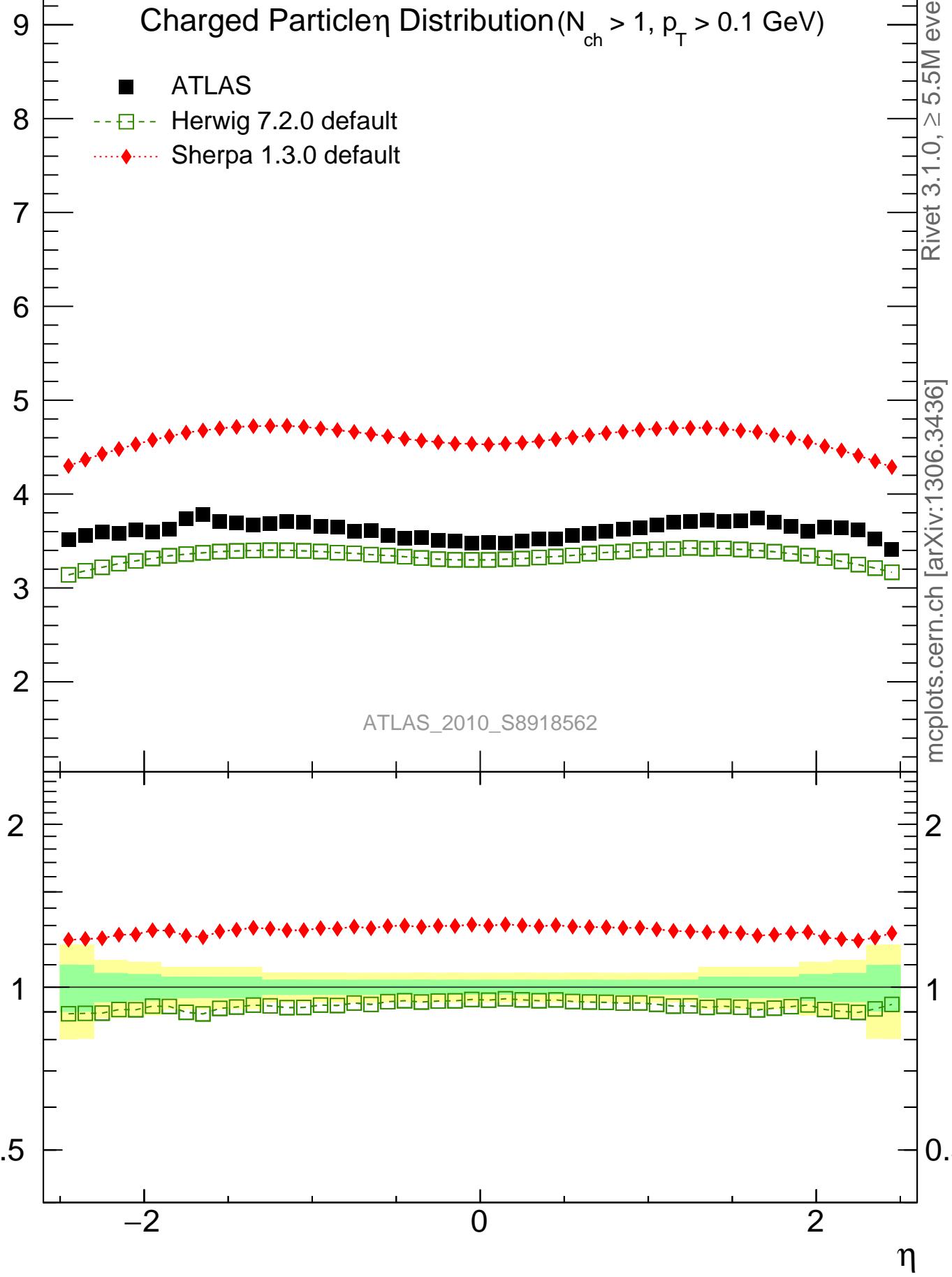
Herwig 7.2.0 default

Sherpa 1.3.0 default

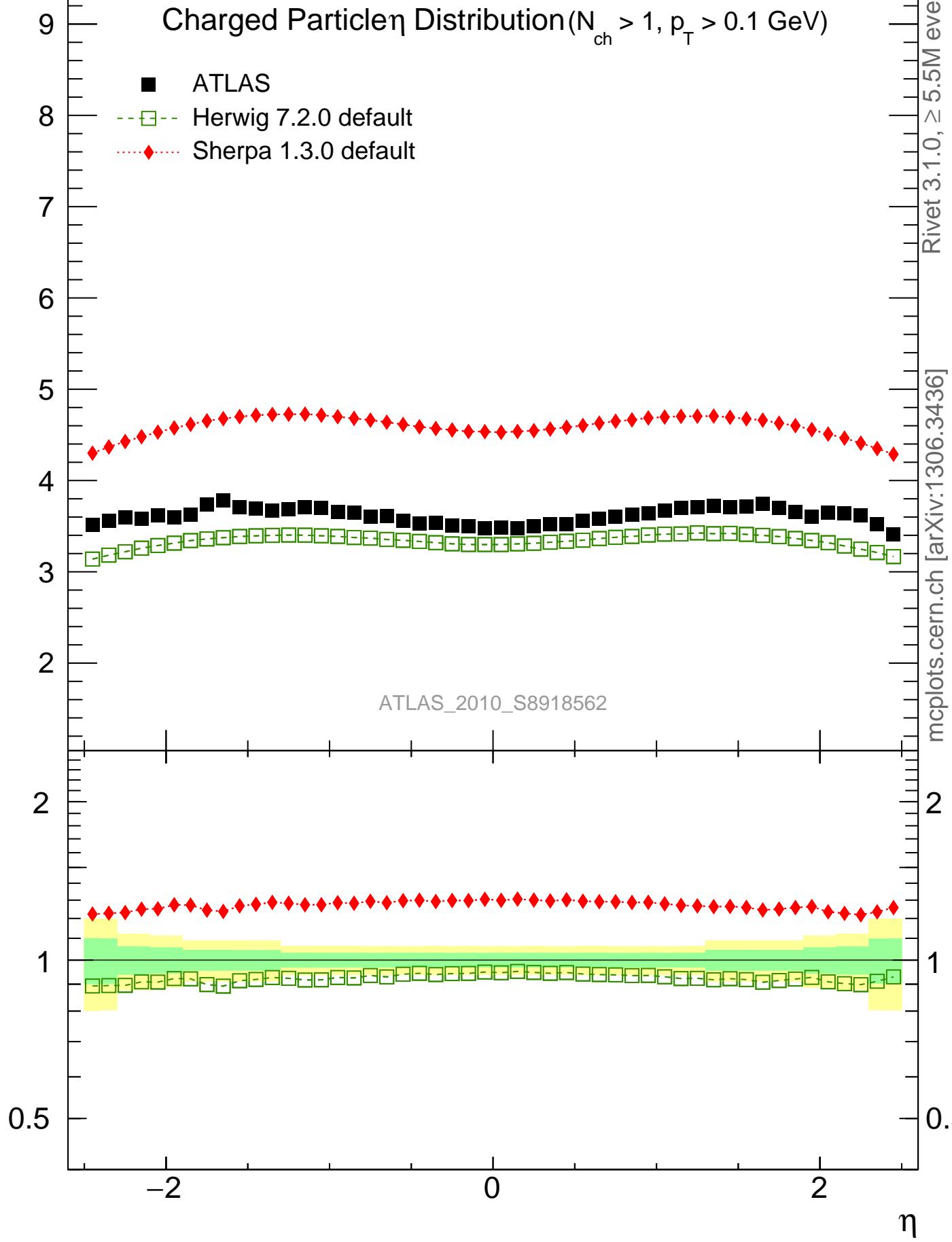
Rivet 3.1.0, ≥ 5.5 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

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

Ratio to ATLAS

 η