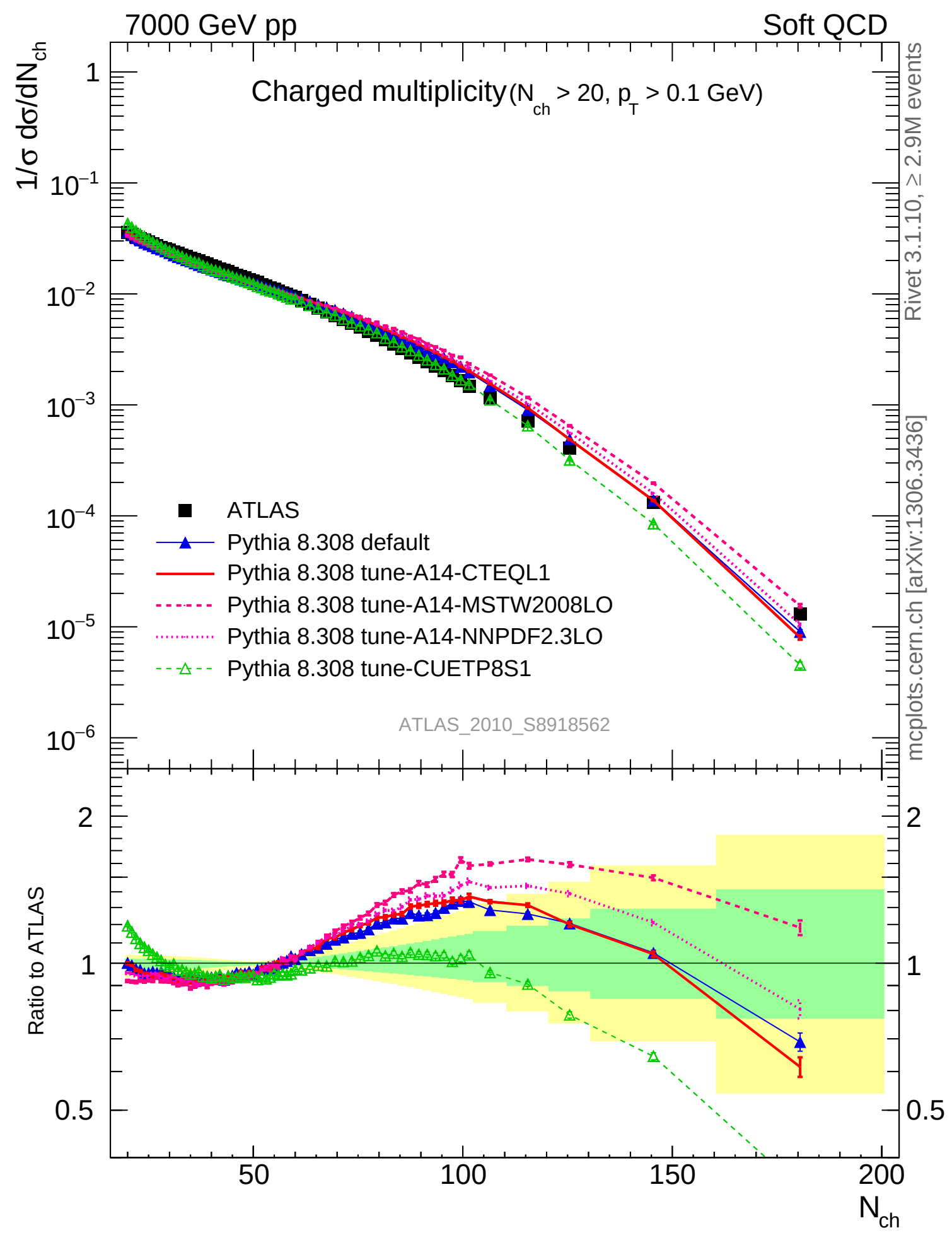
7000 GeV pp
Soft QCD
Charged multiplicity (N_ch > 20, p_T > 0.1 GeV)
1/σ dσ/dN_ch
ATLAS
Pythia 8.308 default
Pythia 8.308 tune-A14-CTEQL1
Pythia 8.308 tune-A14-MSTW2008LO
Pythia 8.308 tune-A14-NNPDF2.3LO
Pythia 8.308 tune-CUETP8S1
ATLAS_2010_S8918562
Ratio to ATLAS
N_ch
Rivet 3.1.10, ≥ 2.9M events
mcplots.cern.ch [arXiv:1306.3436]