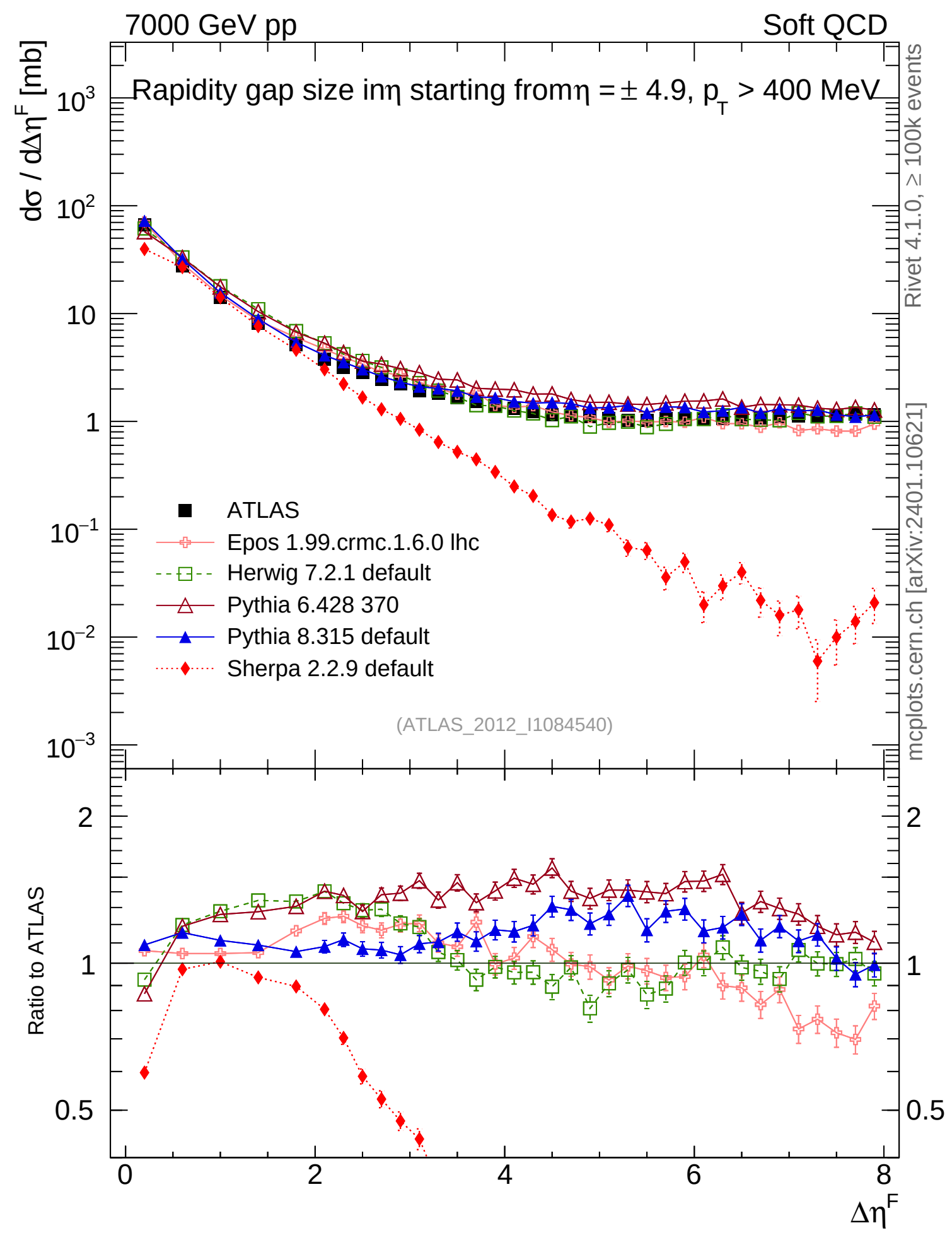
7000 GeV pp
Soft QCD
Rapidity gap size inη starting fromη = ± 4.9, p_T > 400 MeV
dσ / dΔη^F [mb]
ATLAS
Epos 1.99.crmc.1.6.0 lhc
Herwig 7.2.1 default
Pythia 6.428 370
Pythia 8.315 default
Sherpa 2.2.9 default
(ATLAS_2012_I1084540)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to ATLAS
Δη^F