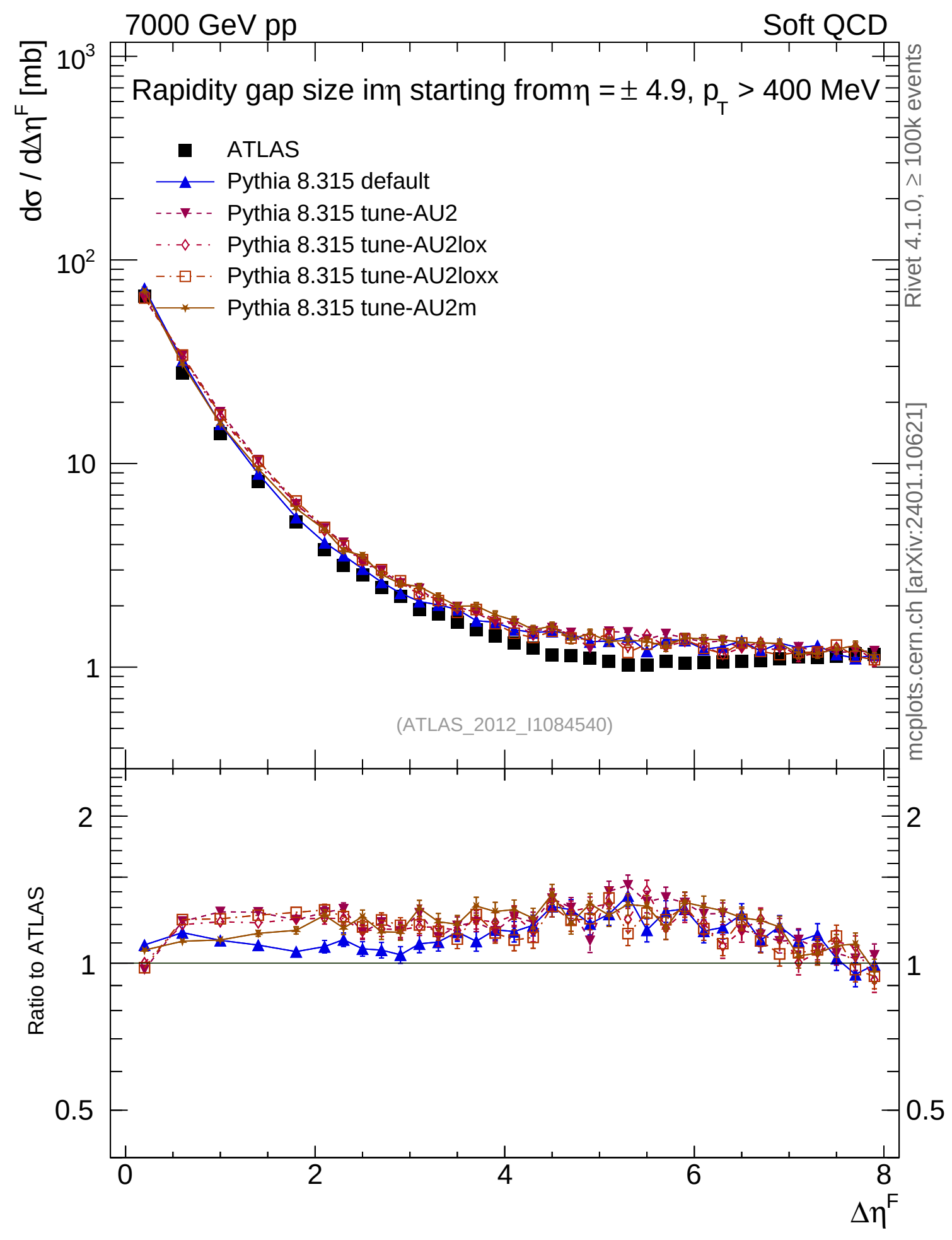
7000 GeV pp
Soft QCD
Rapidity gap size inη starting fromη = ± 4.9, p_T > 400 MeV
ATLAS
Pythia 8.315 default
Pythia 8.315 tune-AU2
Pythia 8.315 tune-AU2lox
Pythia 8.315 tune-AU2loxx
Pythia 8.315 tune-AU2m
(ATLAS_2012_I1084540)
dσ / dΔη^F [mb]
Ratio to ATLAS
Δη^F
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]