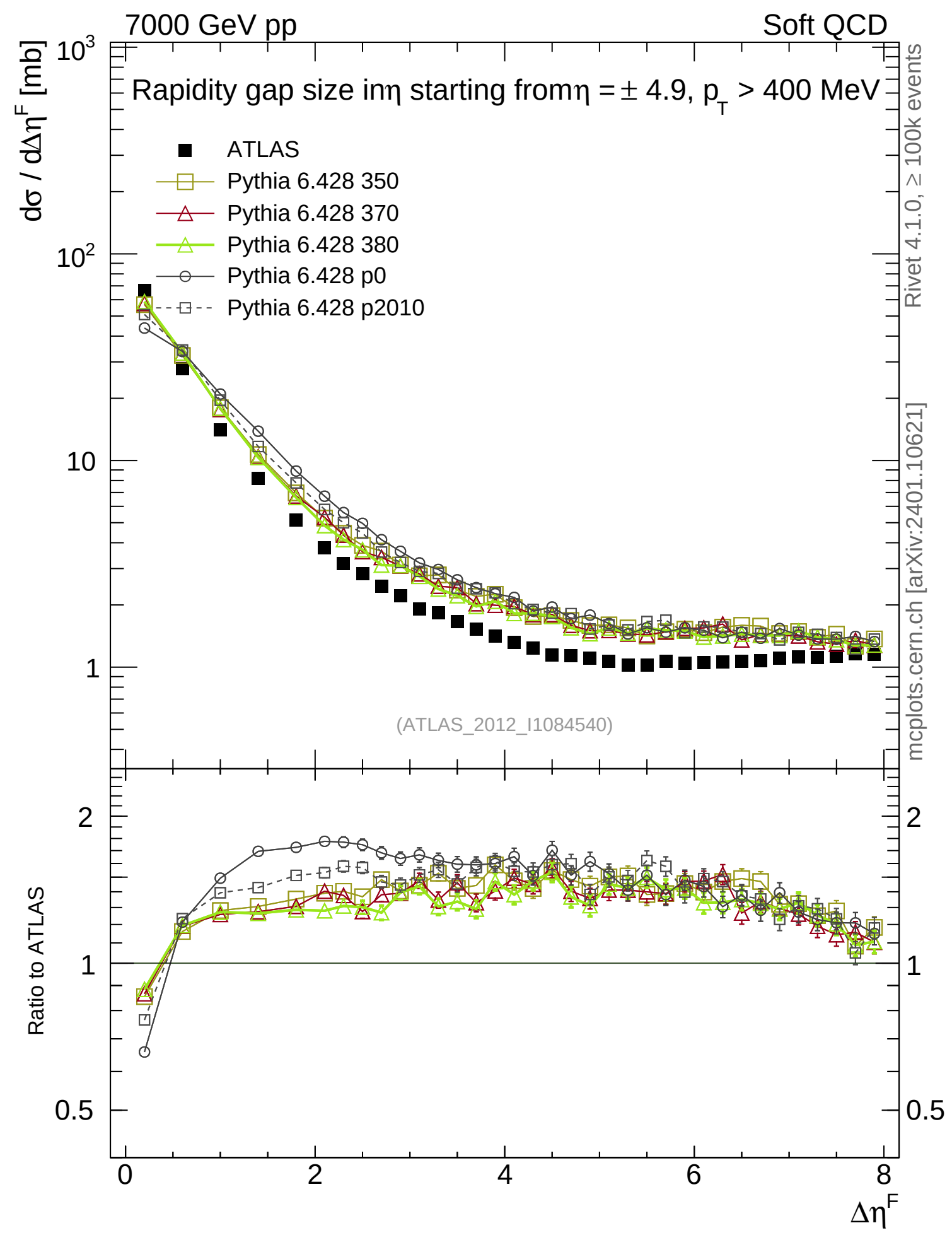
7000 GeV pp
Soft QCD
Rapidity gap size inη starting fromη = ± 4.9, p_T > 400 MeV
ATLAS
Pythia 6.428 350
Pythia 6.428 370
Pythia 6.428 380
Pythia 6.428 p0
Pythia 6.428 p2010
(ATLAS_2012_I1084540)
dσ / dΔη^F [mb]
Ratio to ATLAS
Δη^F
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]