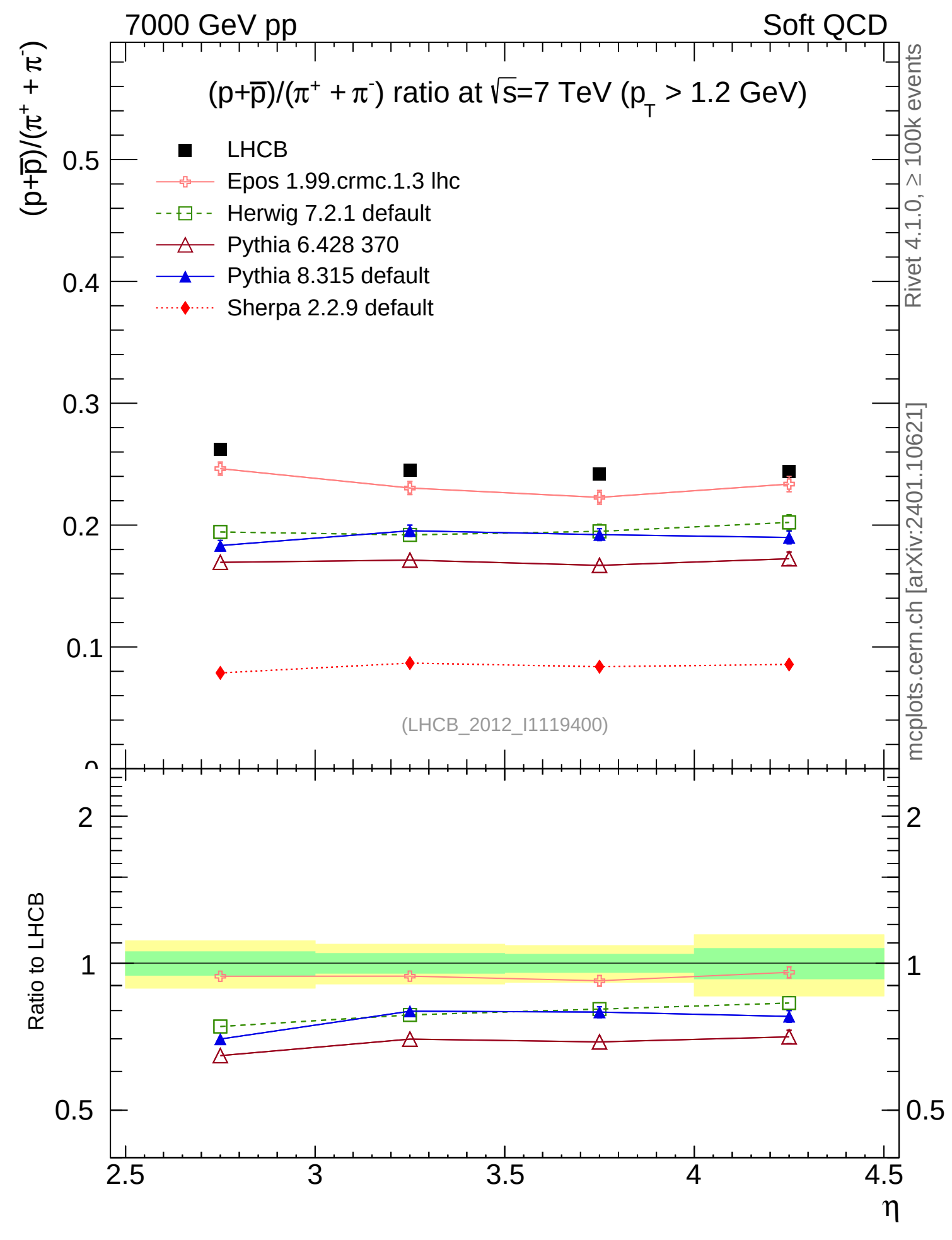
7000 GeV pp
Soft QCD
(p+p̄)/(π⁺ + π⁻) ratio at √s=7 TeV (p_T > 1.2 GeV)
LHCB
Epos 1.99.crmc.1.3 lhc
Herwig 7.2.1 default
Pythia 6.428 370
Pythia 8.315 default
Sherpa 2.2.9 default
(LHCB_2012_I1119400)
(p+p̄)/(π⁺ + π⁻)
Ratio to LHCB
η
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]