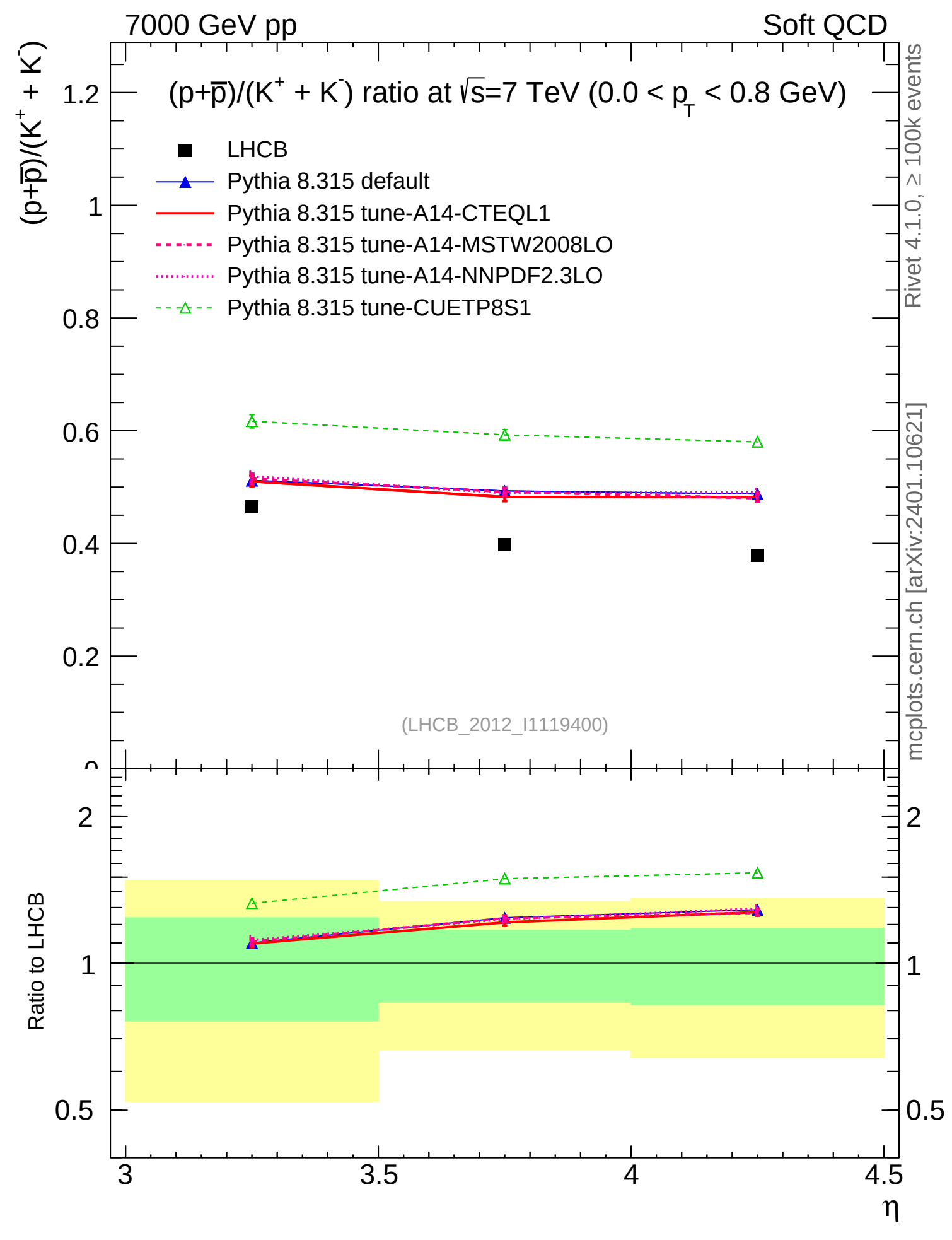
7000 GeV pp
Soft QCD
(p+p̄)/(K⁺ + K⁻) ratio at √s=7 TeV (0.0 < p_T < 0.8 GeV)
LHCB
Pythia 8.315 default
Pythia 8.315 tune-A14-CTEQL1
Pythia 8.315 tune-A14-MSTW2008LO
Pythia 8.315 tune-A14-NNPDF2.3LO
Pythia 8.315 tune-CUETP8S1
(LHCB_2012_I1119400)
(p+p̄)/(K⁺ + K⁻)
Ratio to LHCB
η
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]