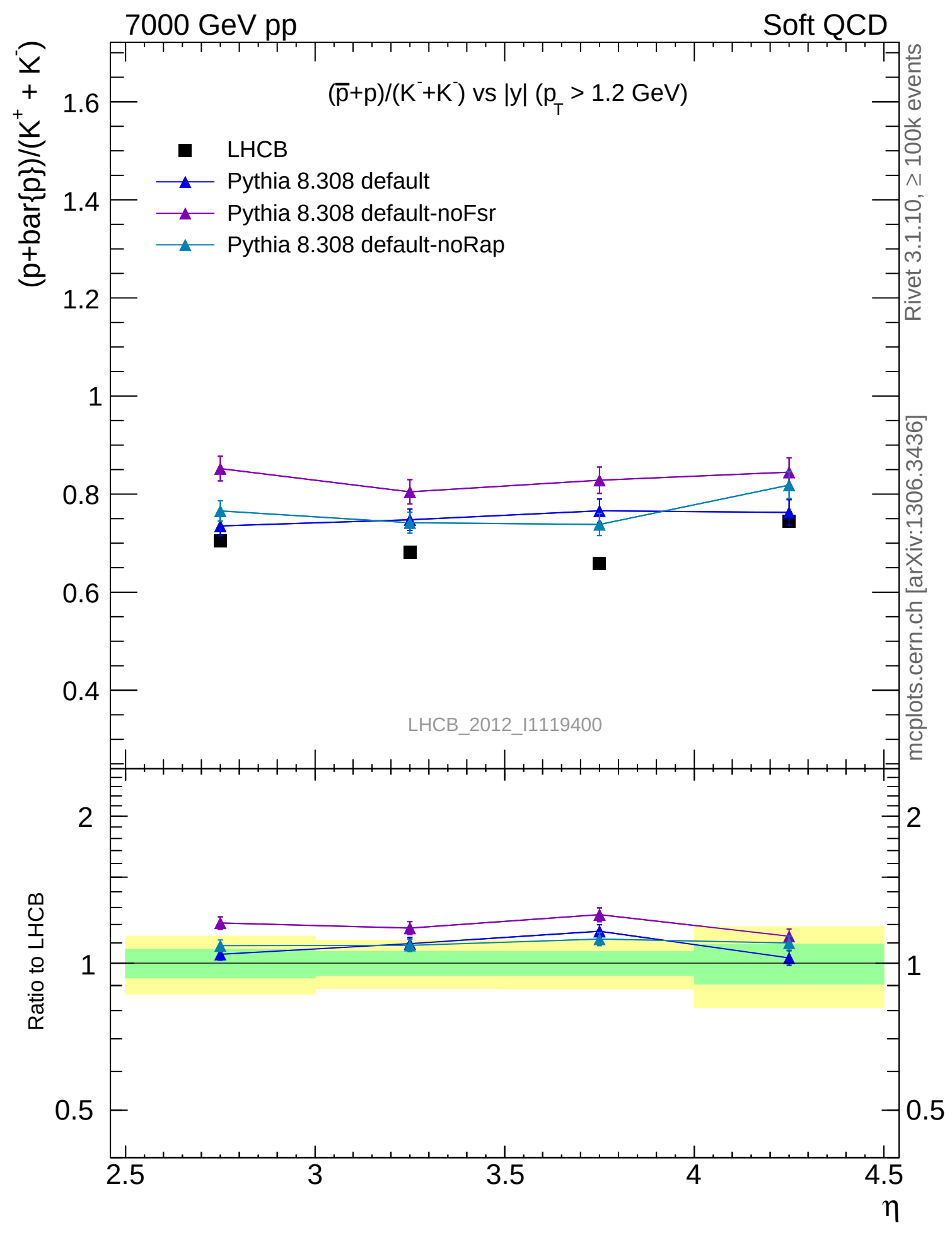
7000 GeV pp
Soft QCD
(p̄+p)/(K⁻+K⁻) vs |y| (p_T > 1.2 GeV)
LHCB
Pythia 8.308 default
Pythia 8.308 default-noFsr
Pythia 8.308 default-noRap
(p+bar{p})/(K⁺ + K⁻)
1.6
1.4
1.2
1
0.8
0.6
0.4
LHCB_2012_I1119400
Rivet 3.1.10, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCB
2
1
0.5
2.5
3
3.5
4
4.5
η