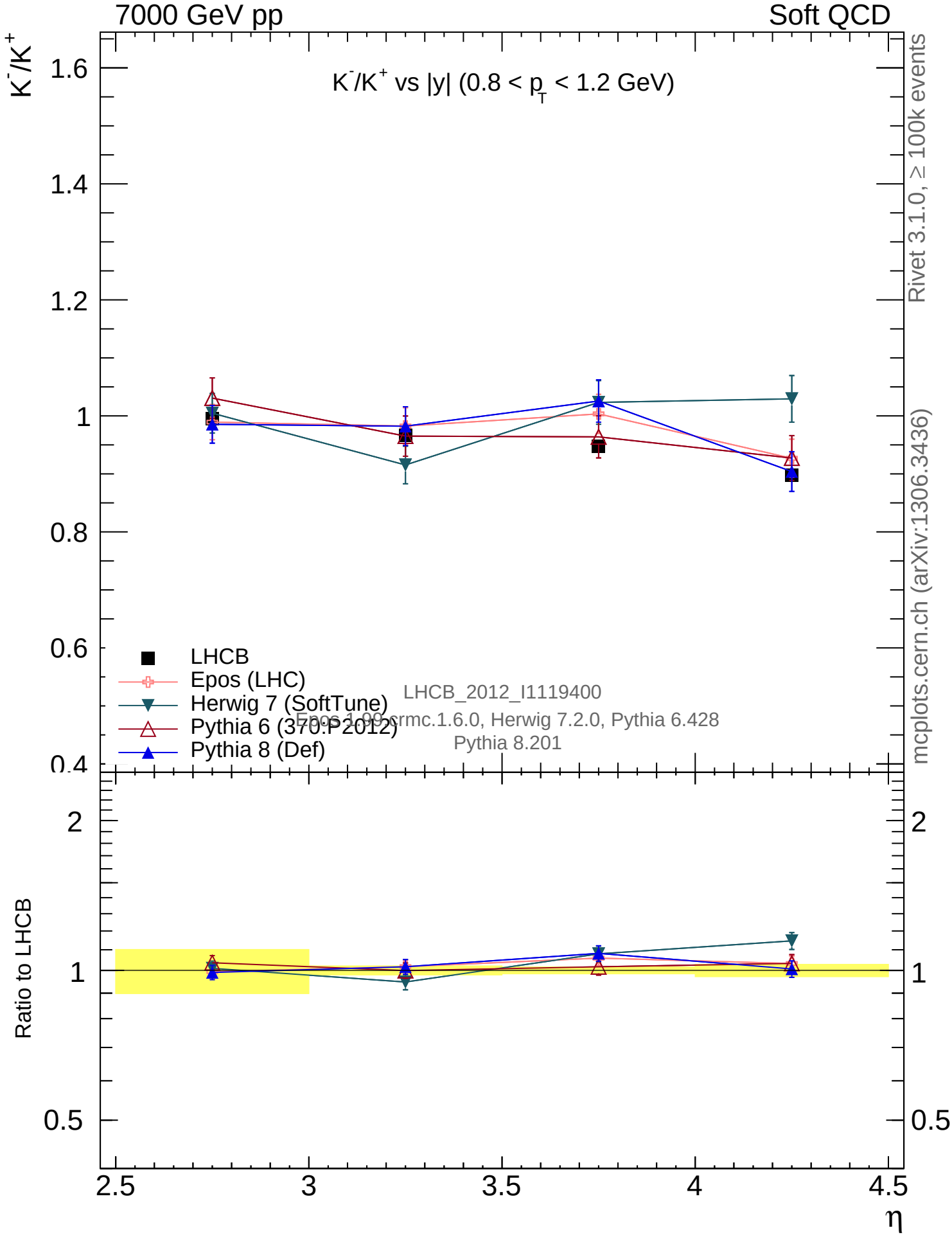
7000 GeV pp
Soft QCD
K⁻/K⁺ vs |y| (0.8 < p_T < 1.2 GeV)
K⁻/K⁺
1.6
1.4
1.2
1
0.8
0.6
0.4
LHCB
Epos (LHC)
Herwig 7 (SoftTune)
Pythia 6 (370:P2012)
Pythia 8 (Def)
LHCB_2012_I1119400
Epos 1.99crmc.1.6.0, Herwig 7.2.0, Pythia 6.428
Pythia 8.201
Rivet 3.1.0, ≥ 100k events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to LHCB
2
1
0.5
2.5
3
3.5
4
4.5
η