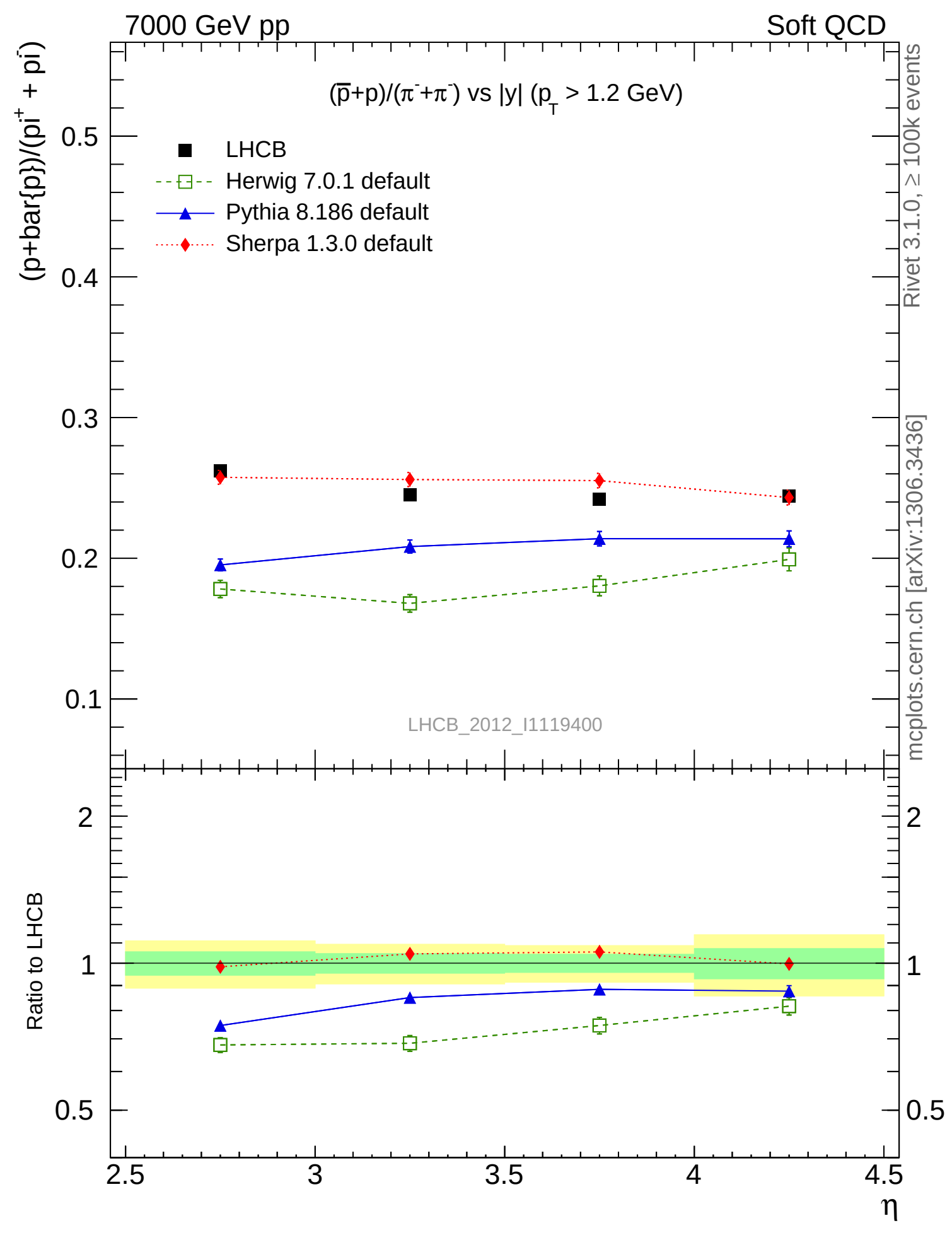
7000 GeV pp
Soft QCD
(p̄+p)/(π⁻+π⁻) vs |y| (p_T > 1.2 GeV)
LHCB
Herwig 7.0.1 default
Pythia 8.186 default
Sherpa 1.3.0 default
(p+bar{p})/(pi⁺ + pi⁻)
0.5
0.4
0.3
0.2
0.1
LHCB_2012_I1119400
Rivet 3.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCB
2
1
0.5
2.5
3
3.5
4
4.5
η