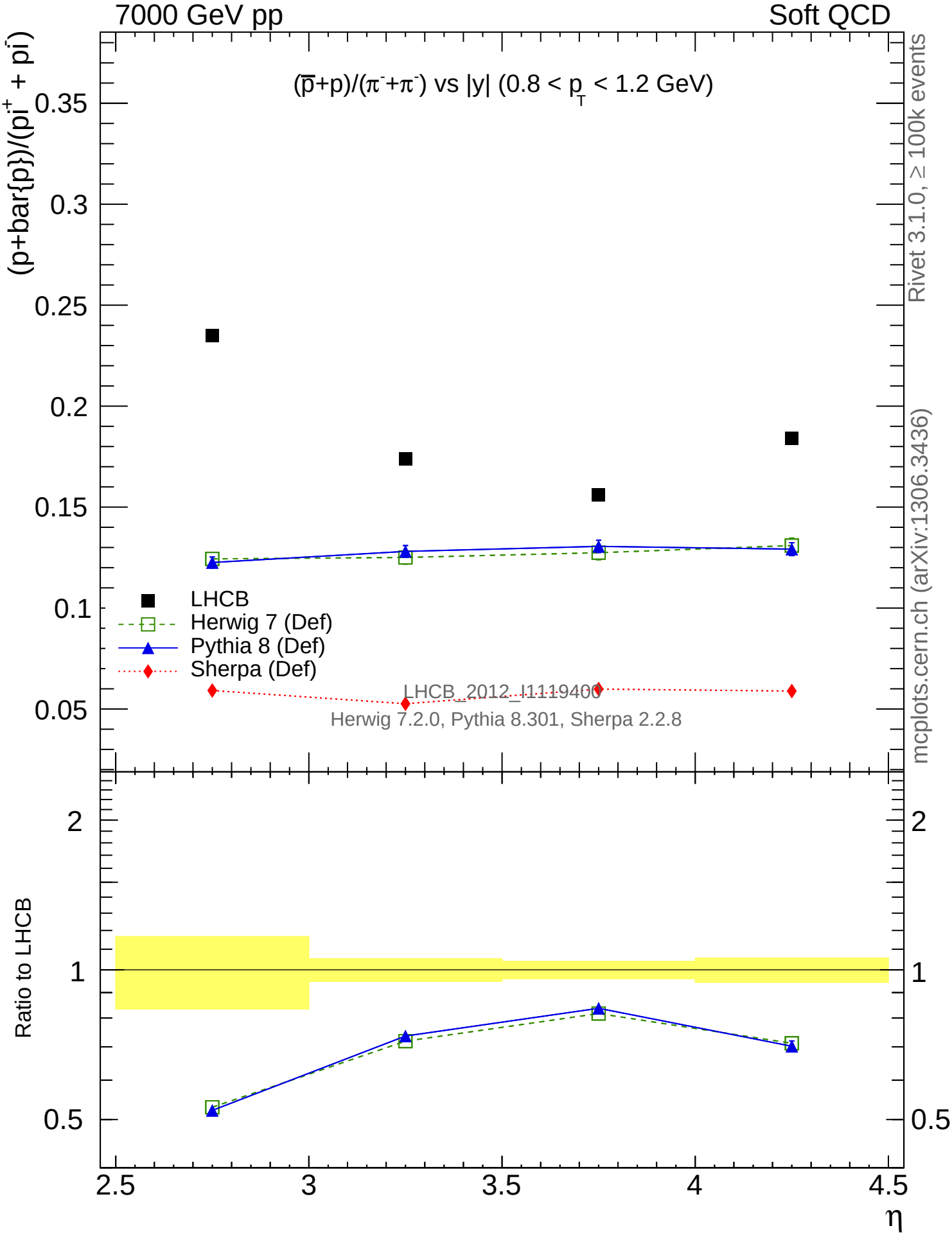
7000 GeV pp
Soft QCD
(p̄+p)/(π⁻+π⁻) vs |y| (0.8 < p_T < 1.2 GeV)
(p+bar{p})/(pi⁺ + pi⁻)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
LHCB
Herwig 7 (Def)
Pythia 8 (Def)
Sherpa (Def)
LHCB_2012_I1119400
Herwig 7.2.0, Pythia 8.301, Sherpa 2.2.8
Rivet 3.1.0, ≥ 100k events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to LHCB
2
1
0.5
2.5
3
3.5
4
4.5
η