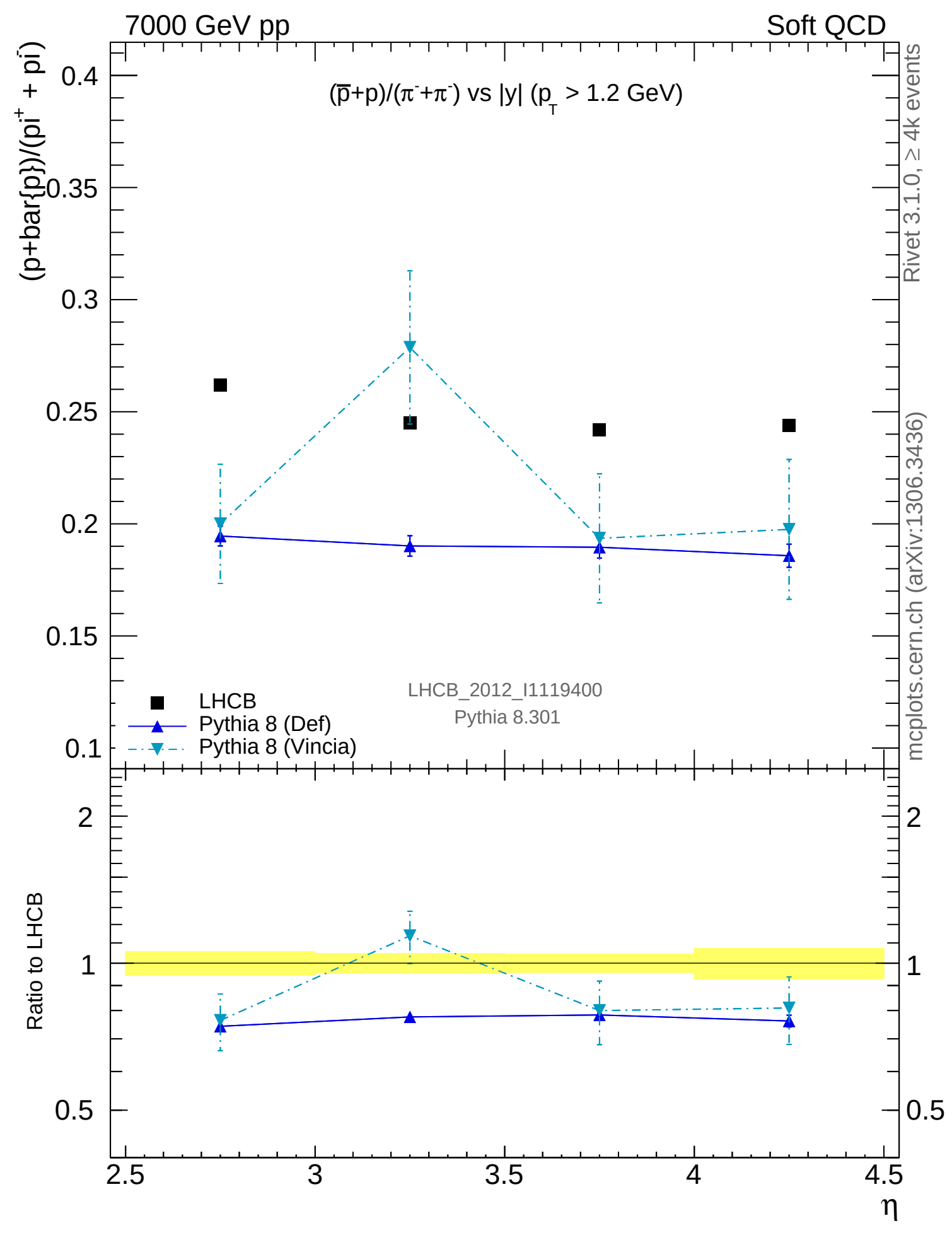
7000 GeV pp
Soft QCD
(p̄+p)/(π⁻+π⁻) vs |y| (p_T > 1.2 GeV)
(p+bar{p})/(pi⁺ + pi⁻)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
LHCB
Pythia 8 (Def)
Pythia 8 (Vincia)
LHCB_2012_I1119400
Pythia 8.301
Rivet 3.1.0, ≥ 4k events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to LHCB
2
1
0.5
2.5
3
3.5
4
4.5
η