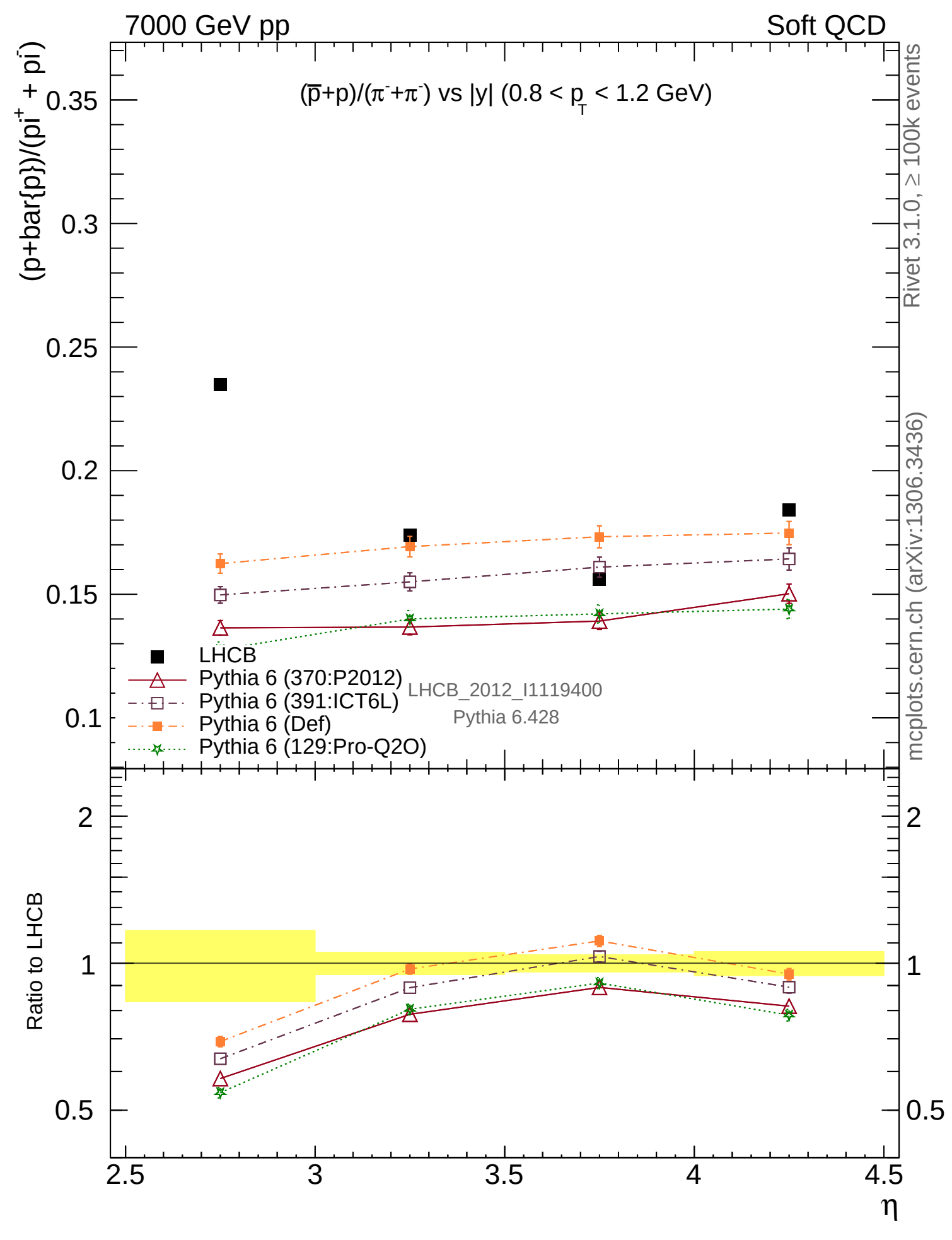
7000 GeV pp
Soft QCD
(p̄+p)/(π⁻+π⁻) vs |y| (0.8 < p_T < 1.2 GeV)
(p+bar{p})/(pi+ + pi-)
0.35
0.3
0.25
0.2
0.15
0.1
LHCB
Pythia 6 (370:P2012)
Pythia 6 (391:ICT6L)
Pythia 6 (Def)
Pythia 6 (129:Pro-Q2O)
LHCB_2012_I1119400
Pythia 6.428
Rivet 3.1.0, ≥ 100k events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to LHCB
2
1
0.5
2.5
3
3.5
4
4.5
η