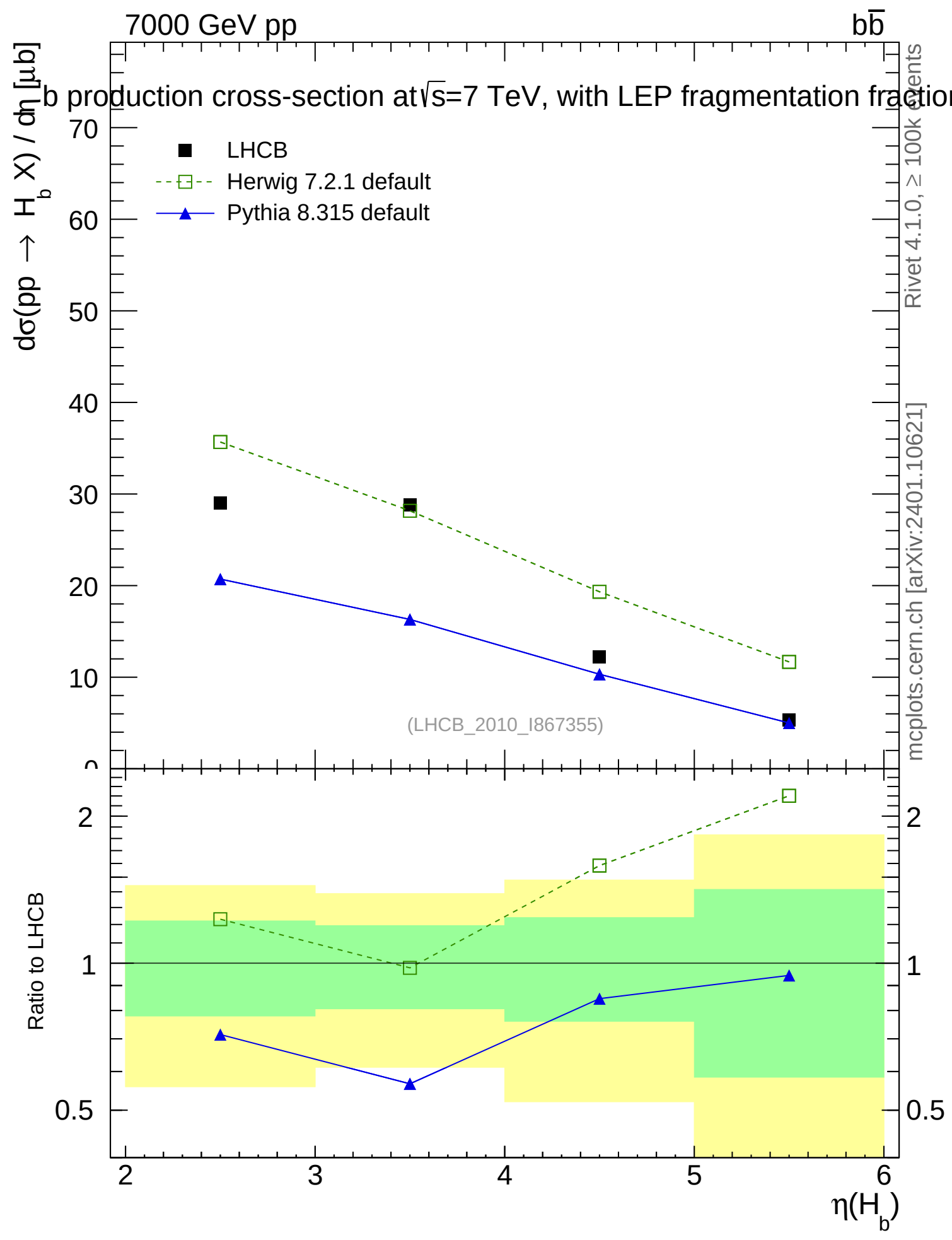
7000 GeV pp
bb̄
b production cross-section at √s=7 TeV, with LEP fragmentation fraction
dσ(pp → H_b X) / dη [μb]
LHCB
Herwig 7.2.1 default
Pythia 8.315 default
(LHCB_2010_I867355)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to LHCB
η(H_b)