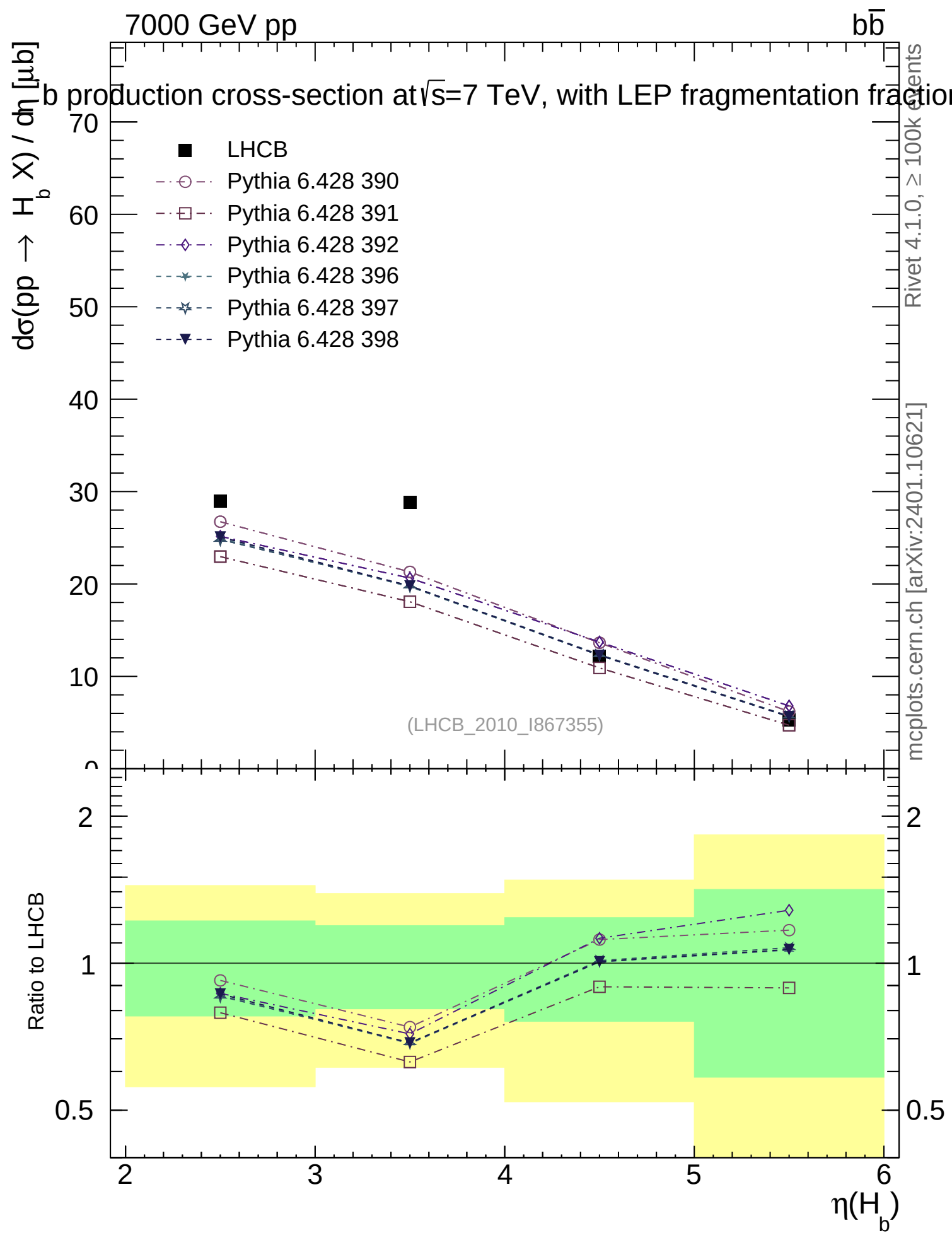
7000 GeV pp
$b\bar{b}$
b production cross-section at $\sqrt{s}$=7 TeV, with LEP fragmentation fraction
$d\sigma(pp \to H_b X) / d\eta$ [μb]
LHCB
Pythia 6.428 390
Pythia 6.428 391
Pythia 6.428 392
Pythia 6.428 396
Pythia 6.428 397
Pythia 6.428 398
(LHCB_2010_I867355)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to LHCB
$\eta(H_b)$