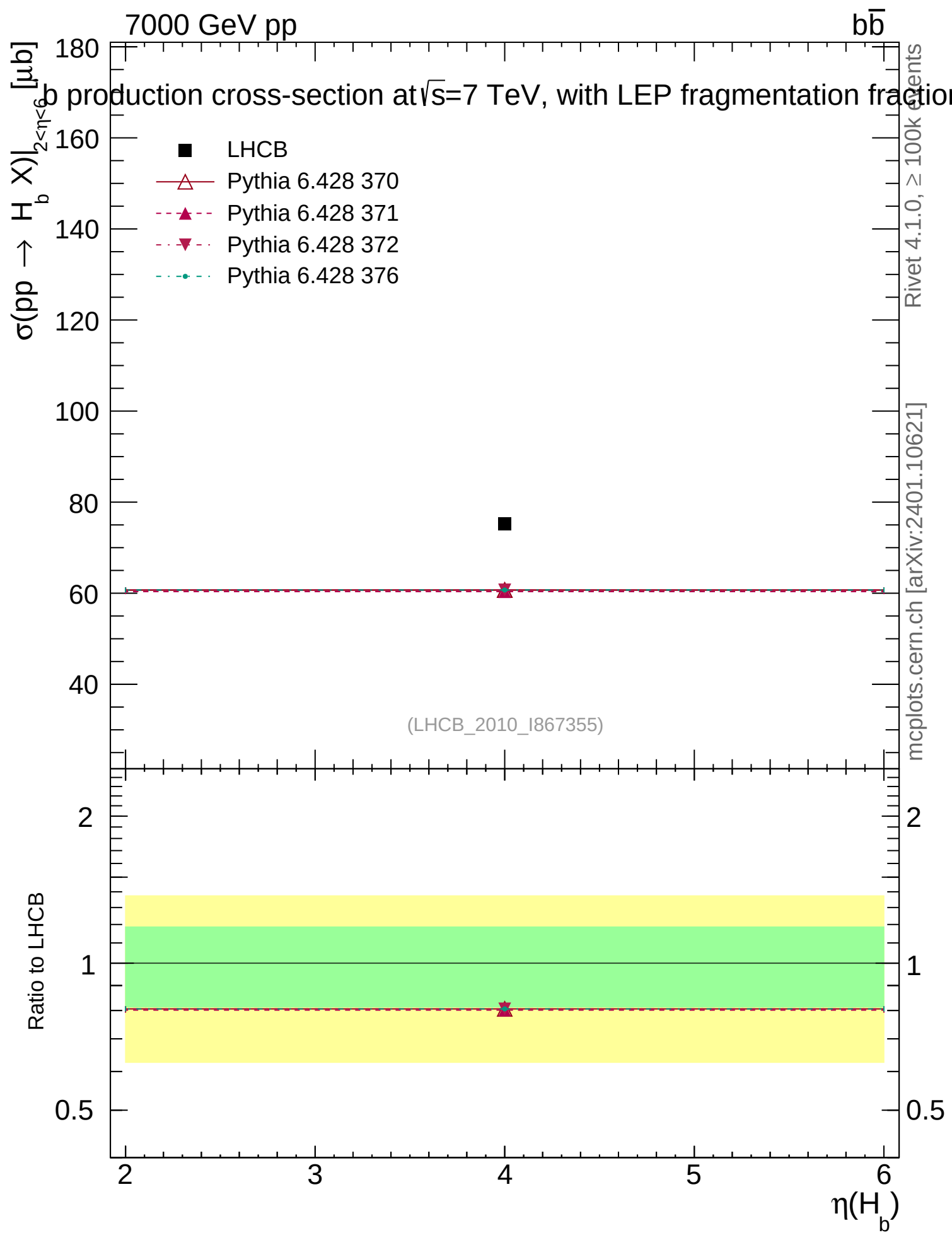
7000 GeV pp
$b\bar{b}$
b production cross-section at $\sqrt{s}$=7 TeV, with LEP fragmentation fraction
LHCB
Pythia 6.428 370
Pythia 6.428 371
Pythia 6.428 372
Pythia 6.428 376
$\sigma(pp \to H_b X)|_{2<\eta<6}$ [μb]
(LHCB_2010_I867355)
Ratio to LHCB
$\eta(H_b)$
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]