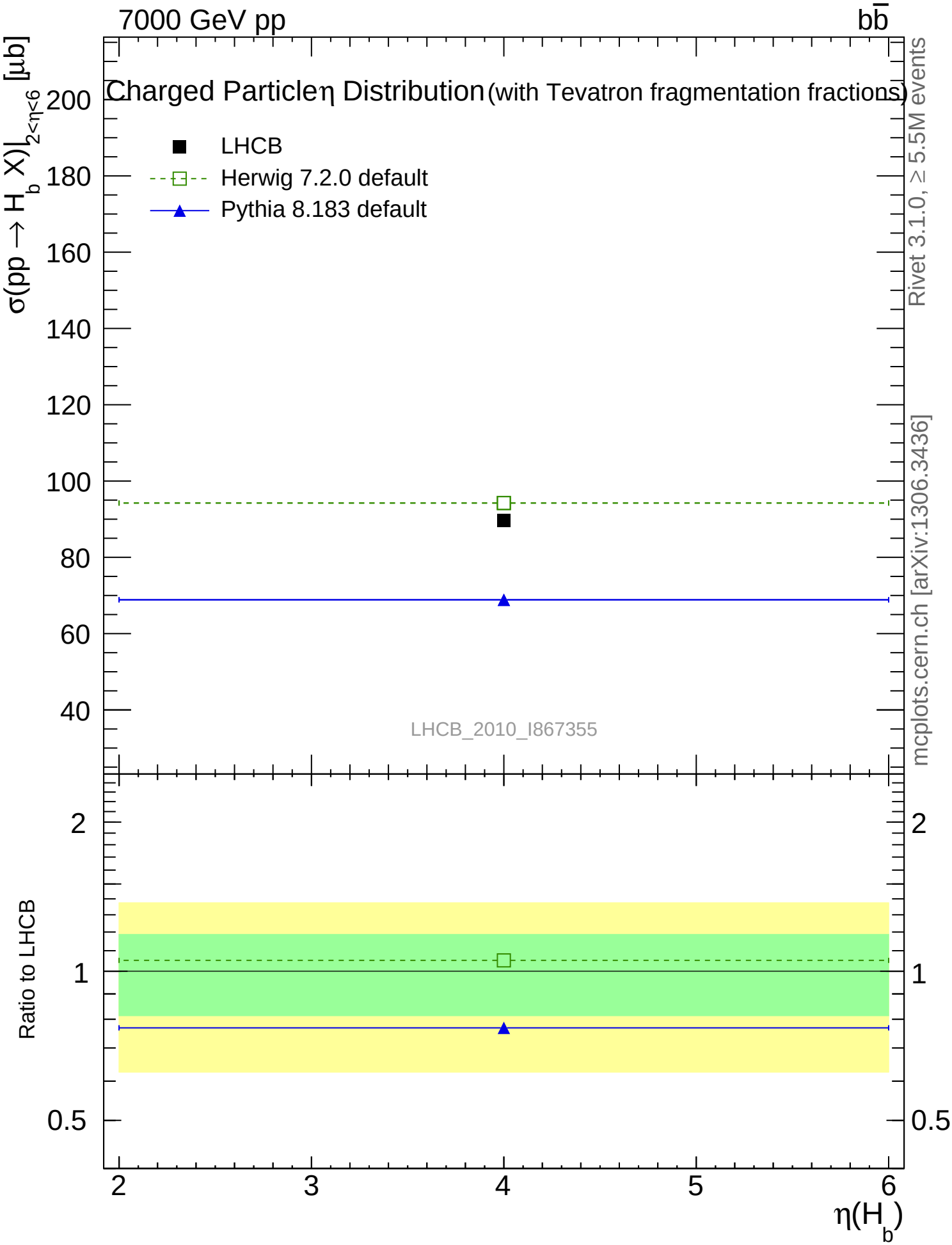
7000 GeV pp
$b\bar{b}$
Charged Particle η Distribution (with Tevatron fragmentation fractions)
LHCB
Herwig 7.2.0 default
Pythia 8.183 default
$\sigma(pp \to H_b X)|_{2<\eta<6}$ [μb]
200
180
160
140
120
100
80
60
40
LHCB_2010_I867355
Rivet 3.1.0, ≥ 5.5M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCB
2
1
0.5
2
3
4
5
6
$\eta(H_b)$