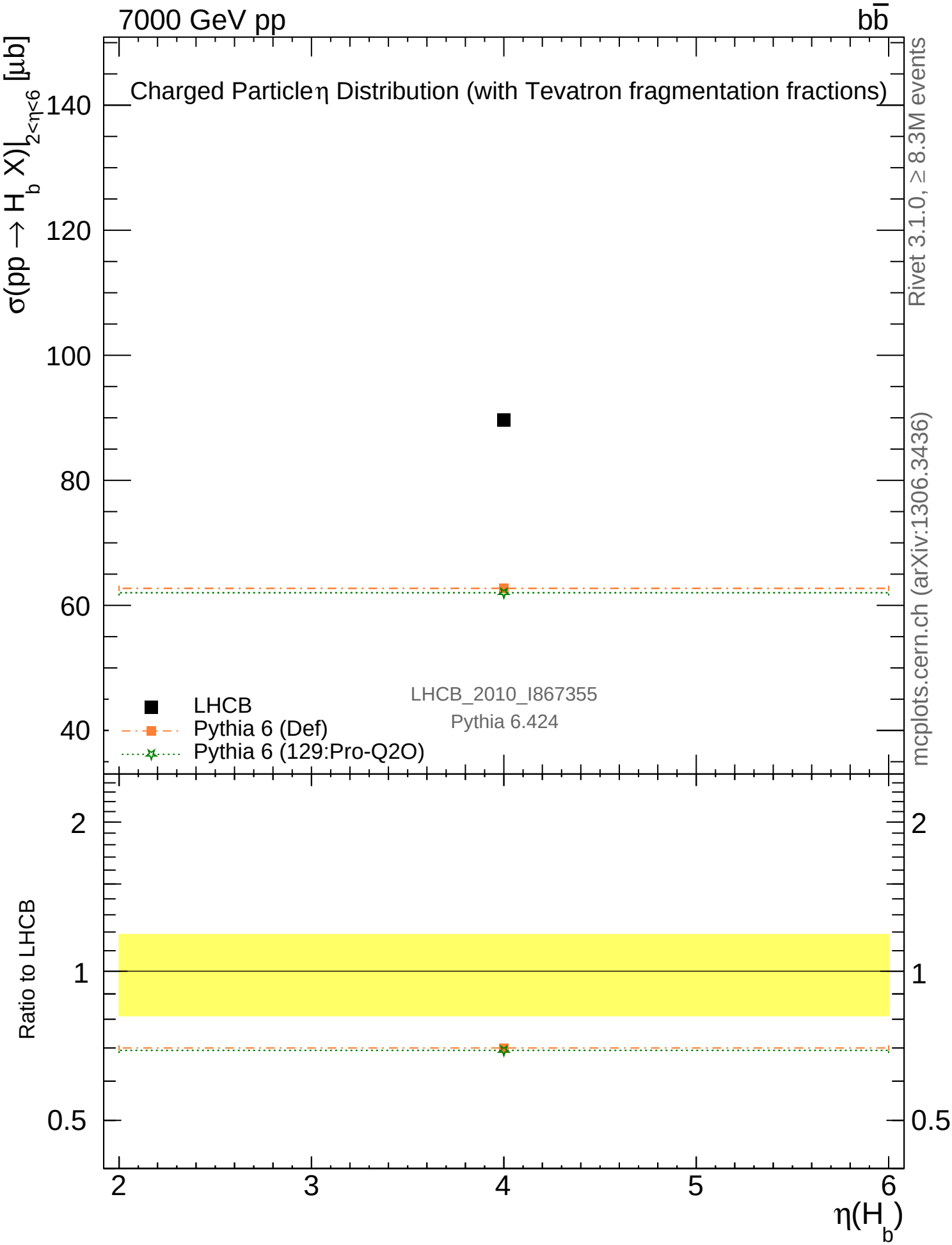
7000 GeV pp
$b\bar{b}$
Charged Particle η Distribution (with Tevatron fragmentation fractions)
$\sigma(pp \to H_b X)|_{2<\eta<6}$ [μb]
140
120
100
80
60
40
LHCB
Pythia 6 (Def)
Pythia 6 (129:Pro-Q2O)
LHCB_2010_I867355
Pythia 6.424
Rivet 3.1.0, ≥ 8.3M events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to LHCB
2
1
0.5
2
3
4
5
6
$\eta(H_b)$