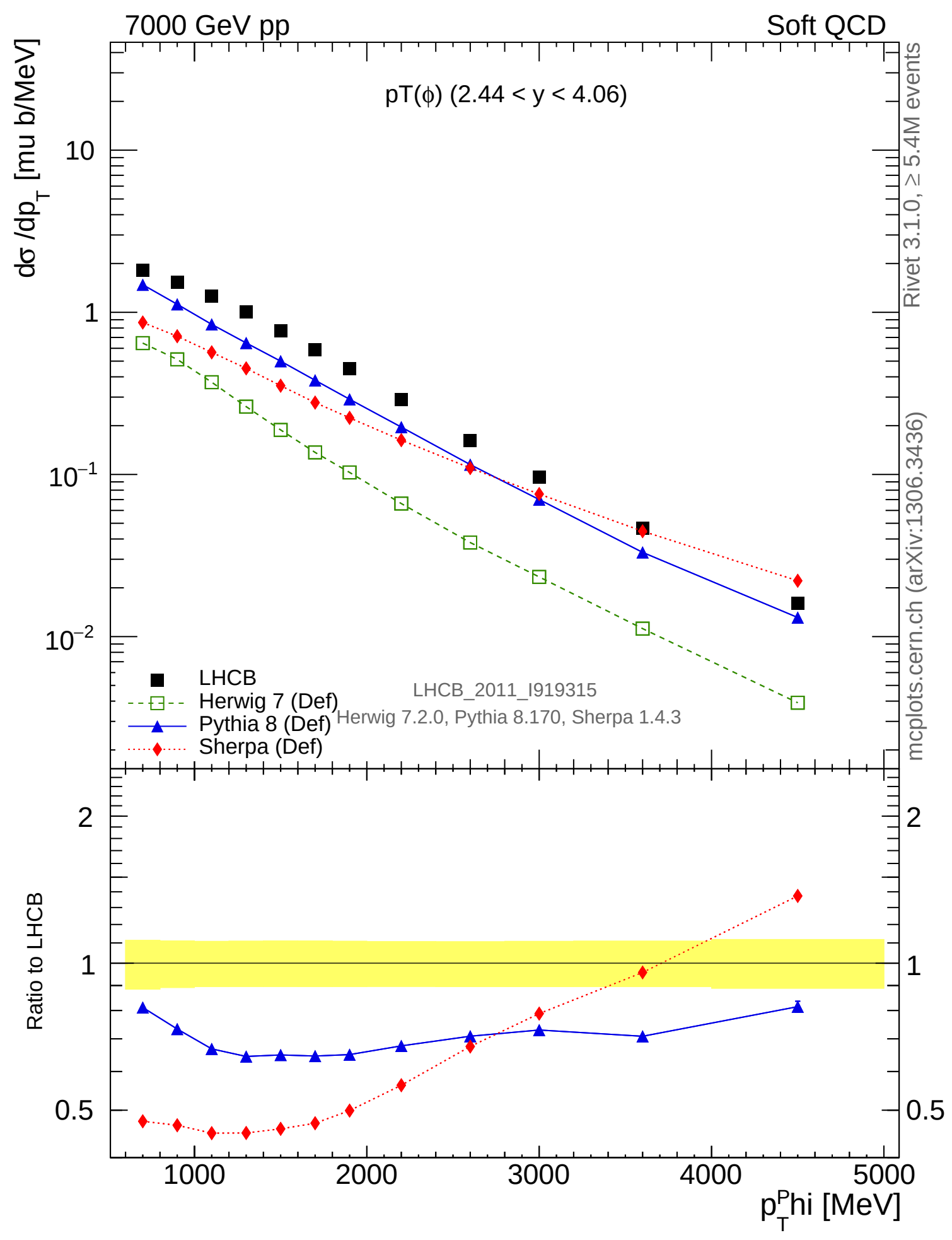
7000 GeV pp
Soft QCD
pT(ϕ) (2.44 < y < 4.06)
dσ /dp_T [mu b/MeV]
10
1
10^−1
10^−2
LHCB
Herwig 7 (Def)
Pythia 8 (Def)
Sherpa (Def)
LHCB_2011_I919315
Herwig 7.2.0, Pythia 8.170, Sherpa 1.4.3
Rivet 3.1.0, ≥ 5.4M events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to LHCB
2
1
0.5
1000
2000
3000
4000
5000
p_T^Phi [MeV]