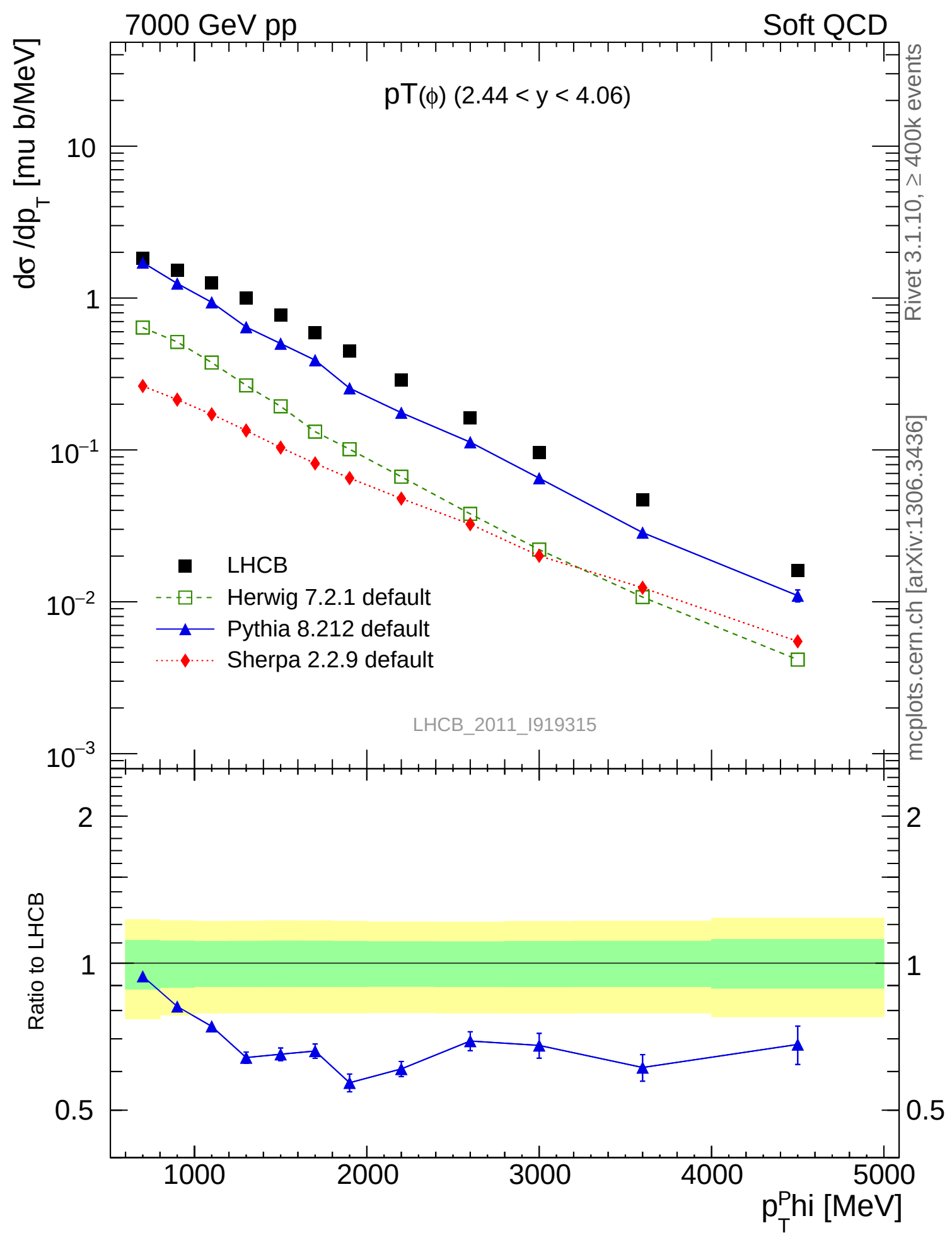
7000 GeV pp
Soft QCD
pT(ϕ) (2.44 < y < 4.06)
dσ /dp_T [mu b/MeV]
10
1
10^−1
10^−2
10^−3
LHCB
Herwig 7.2.1 default
Pythia 8.212 default
Sherpa 2.2.9 default
LHCB_2011_I919315
Rivet 3.1.10, ≥ 400k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCB
2
1
0.5
1000
2000
3000
4000
5000
p_T^Phi [MeV]