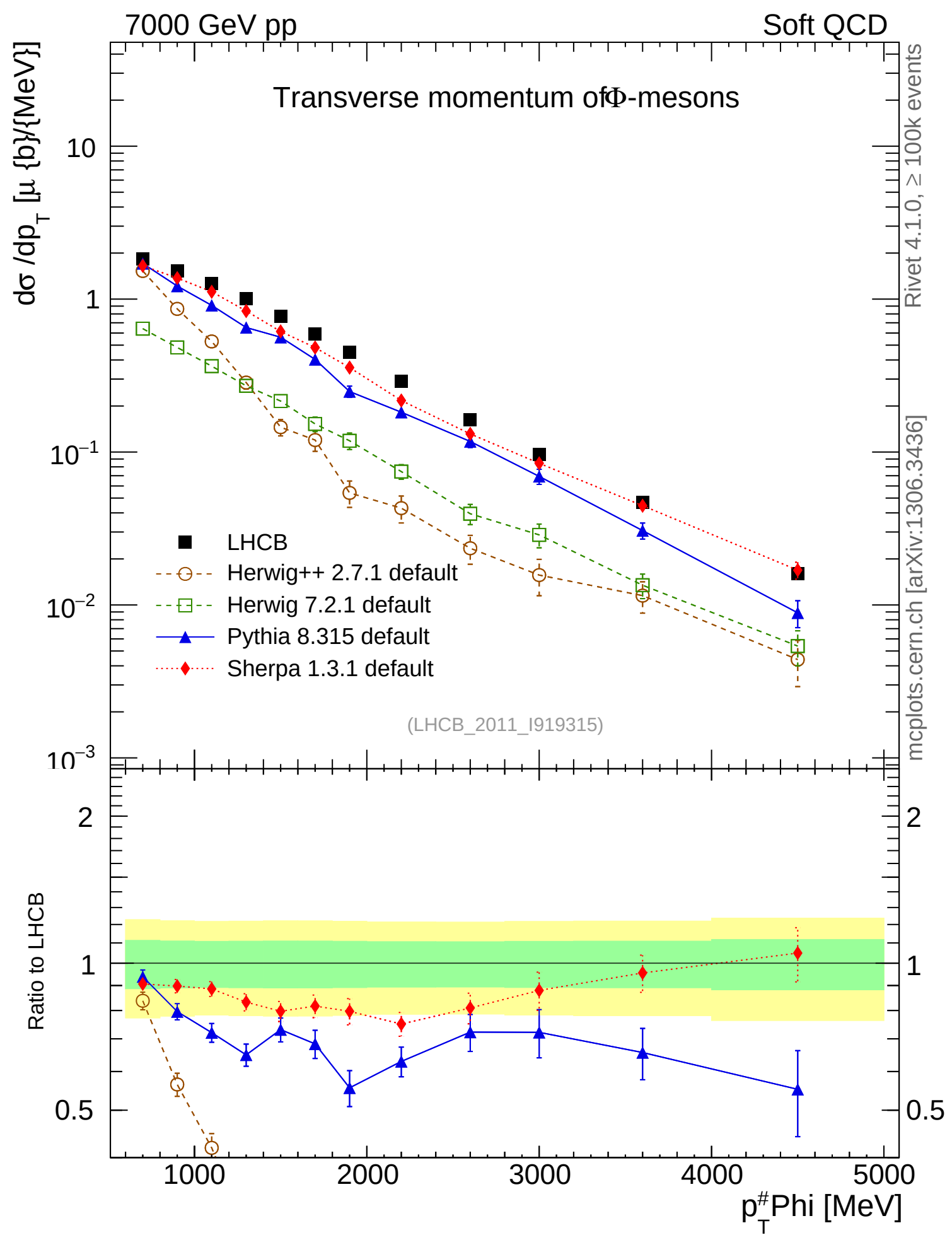
7000 GeV pp
Soft QCD
Transverse momentum of Φ-mesons
dσ /dp_T [μ {b}/{MeV}]
LHCB
Herwig++ 2.7.1 default
Herwig 7.2.1 default
Pythia 8.315 default
Sherpa 1.3.1 default
(LHCB_2011_I919315)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to LHCB
p_T^#Phi [MeV]