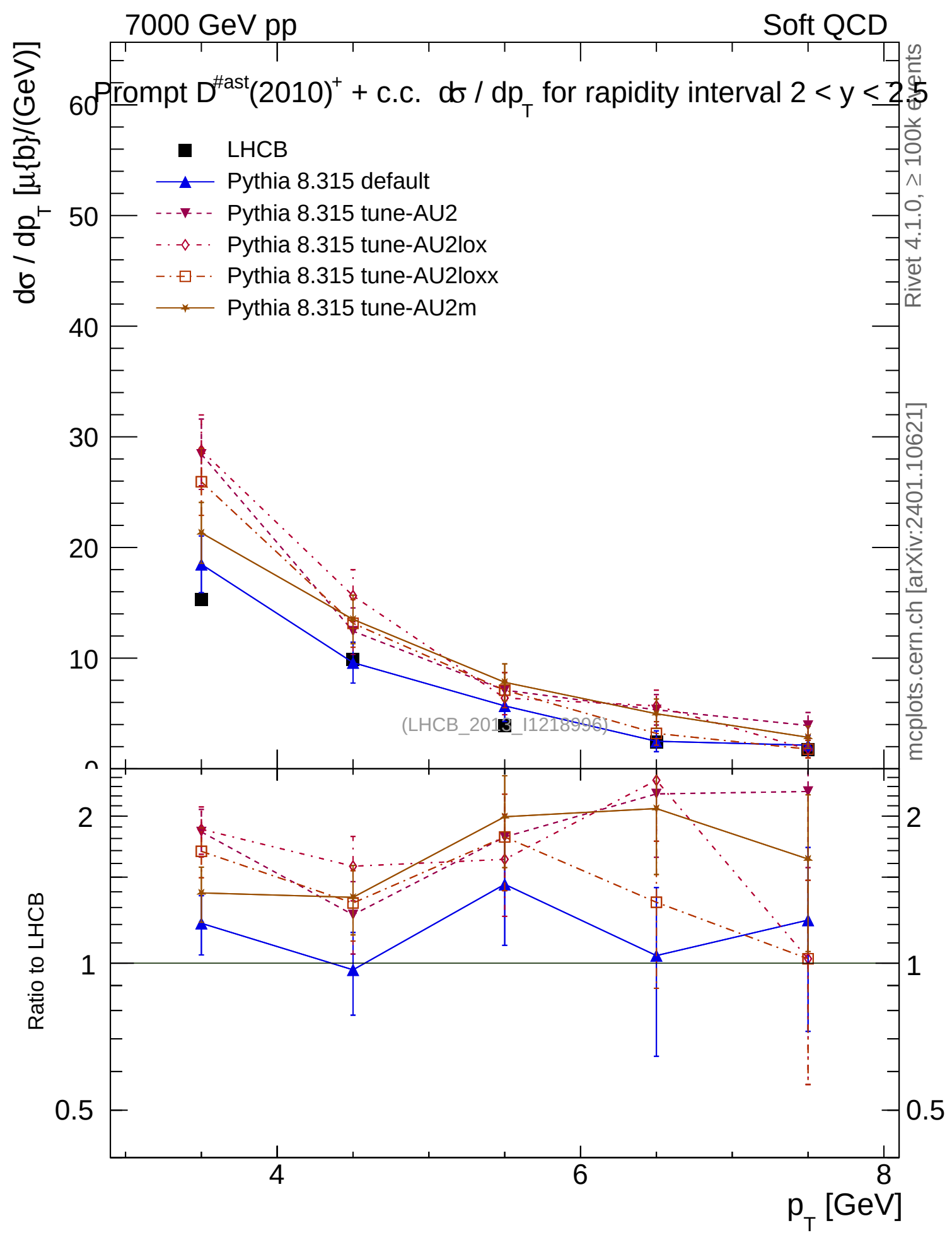
7000 GeV pp
Soft QCD
Prompt D#ast(2010)+ + c.c. dσ / dpT for rapidity interval 2 < y < 2.5
LHCB
Pythia 8.315 default
Pythia 8.315 tune-AU2
Pythia 8.315 tune-AU2lox
Pythia 8.315 tune-AU2loxx
Pythia 8.315 tune-AU2m
(LHCB_2013_I1218996)
dσ / dpT [μ{b}/(GeV)]
Ratio to LHCB
pT [GeV]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]