7000 GeV pp — Soft QCD

Prompt $D^{\#ast}(2010)^+$ + c.c. $d\sigma / dp_T$ for rapidity interval $4 < y < 4.5$

$d\sigma / dp_T$ [μb]/(GeV)
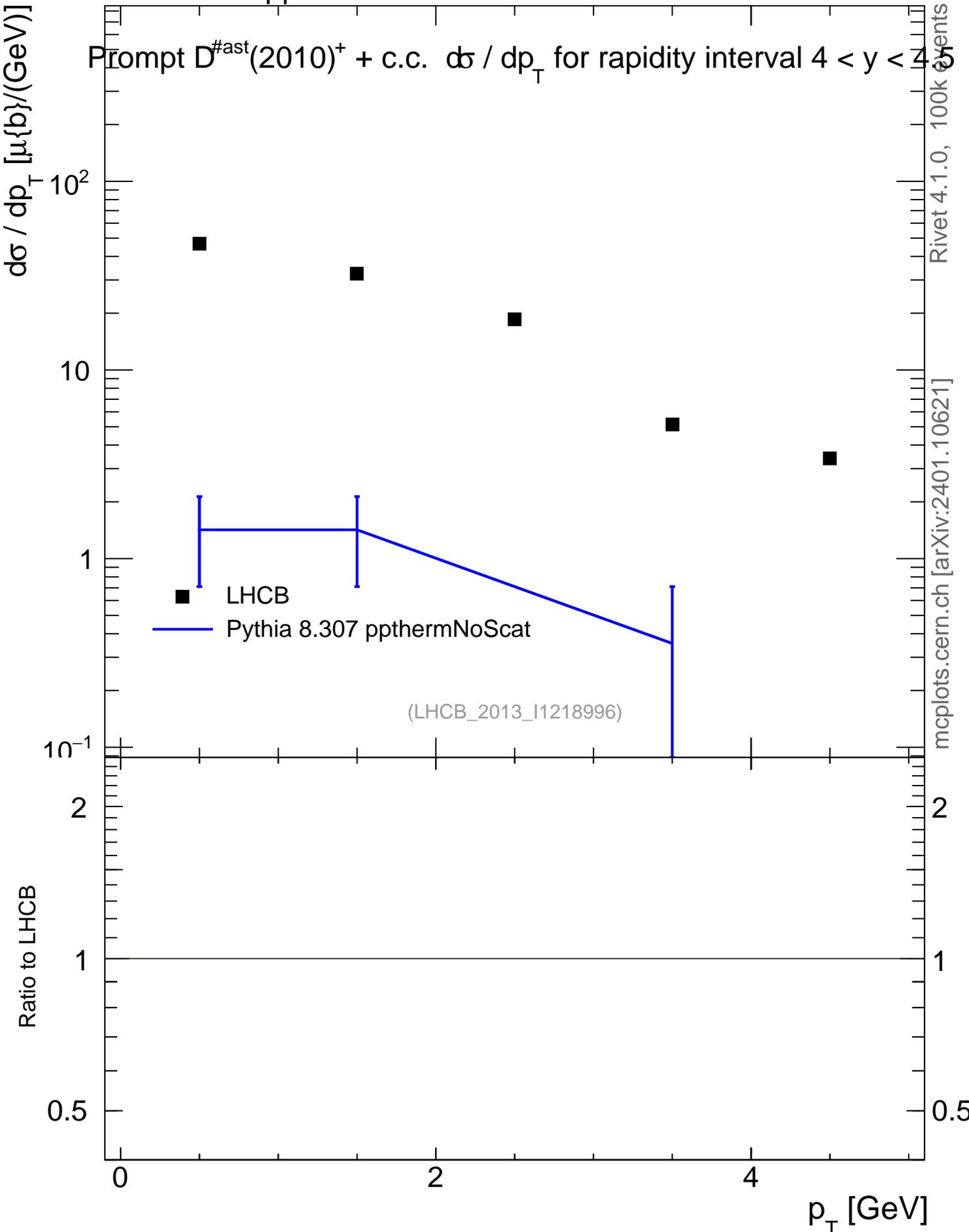
Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

■ LHCB

— Pythia 8.307 ppthermNoScat

(LHCB_2013_I1218996)

Ratio to LHCB

p_T [GeV]