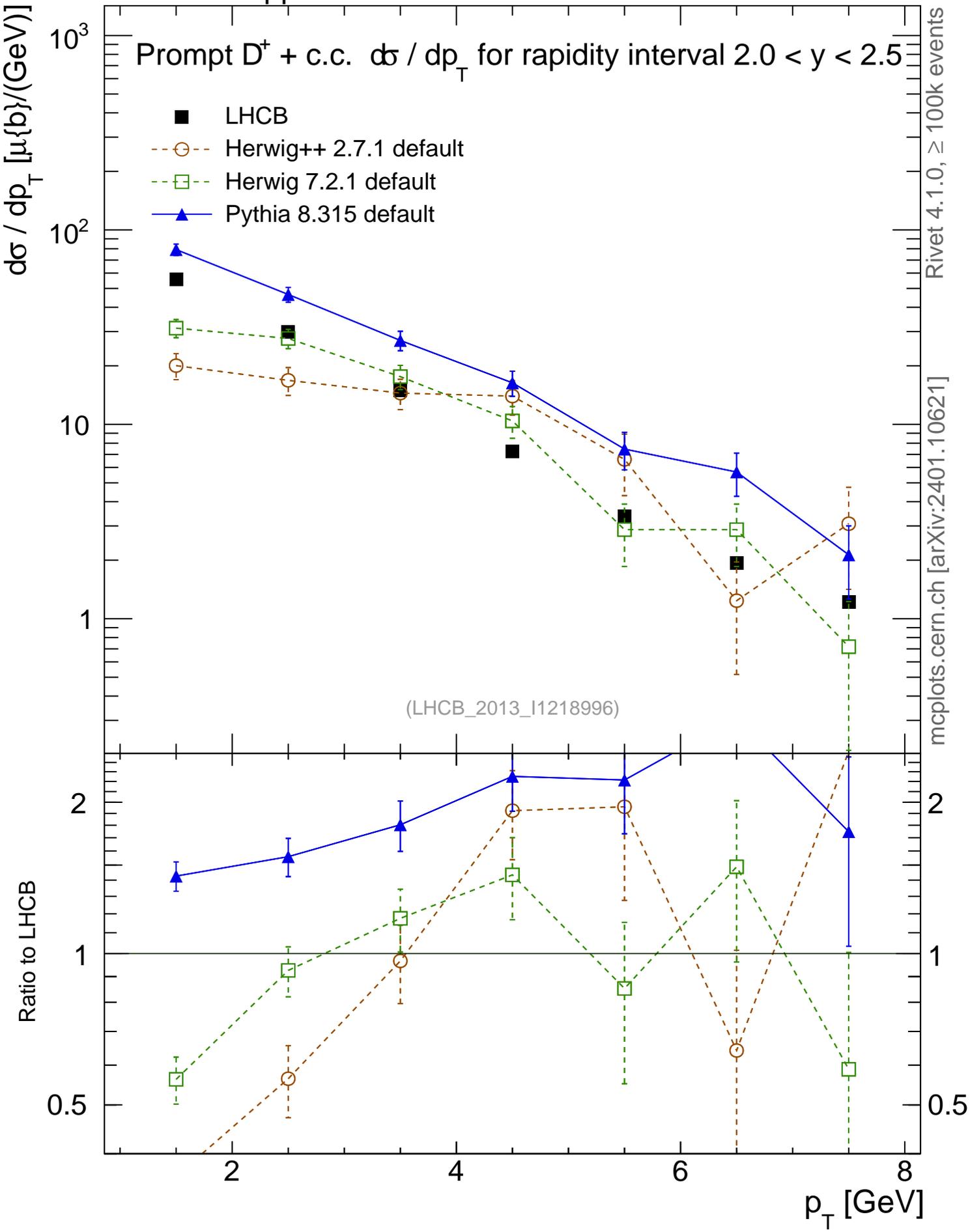


7000 GeV pp

Soft QCD

Prompt  $D^+$  + c.c.  $d\sigma / dp_T$  for rapidity interval  $2.0 < y < 2.5$

- LHCB
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default



Rivet 4.1.0,  $\geq 100\text{k}$  events

mcplots.cern.ch [arXiv:2401.10621]

(LHCB\_2013\_I1218996)

Ratio to LHCB

$p_T$  [GeV]