7000 GeV pp — Soft QCD

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

- LHCB
- Epos 1.99.crmc.1.6.0 default
- Epos 1.99.crmc.1.6.0 lhc
- Pythia 8.315 default

$d\sigma / dp_T$ [μ\{b\}/(GeV)]

(LHCB_2013_I1218996)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to LHCB

p_T [GeV]