7000 GeV pp — Soft QCD

$(p+\bar{p})/(\pi^+ + \pi^-)$ ratio at $\sqrt{s}$=7 TeV ($0.8 < p_T < 1.2$ GeV)

- LHCB
- Herwig 7.2.1 default
- Pythia 8.315 default
- Sherpa 2.2.9 default

(LHCB_2012_I1119400)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

$(p+\bar{p})/(\pi^+ + \pi^-)$

Ratio to LHCB

η