

900 GeV pp

Soft QCD

 $\bar{\Lambda}/\Lambda$ $\bar{\Lambda}/\Lambda$ ratio at $\sqrt{s}=0.9$ TeV ($0.25 < p_T < 2.50$ GeV)

- LHCb
- ▲— Pythia 8.315 default
- -▼- Pythia 8.315 tune-AU2
- · -◇- Pythia 8.315 tune-AU2lox
- · -□- Pythia 3.15 tune-AU2lox
- · -★- Pythia 8.315 tune-AU2m

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCB_2011_I917009)

Ratio to LHCb

2

1

0.5

Rapidity loss (Δy)