

7000 GeV pp

Soft QCD

 $\bar{\Lambda}/K^0_S$  vs  $\Delta y$  ( $|y_{\text{beam}} - y|$ ) ( $0.15 < p_T < 2.50$  GeV)

- LHCb
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2011\_I917009

Ratio to LHCb

Rapidity loss ( $\Delta y$ )