

900 GeV pp

Soft QCD

Diff. cross-section for prompt K_S^0 production ($3.0 < y < 3.5$) $d^2\sigma(pp \rightarrow \{K_S^0\} X) / (dy dp_T)$ [mb/(GeV)]Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCB_2010_I865584)

- LHCb
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default

Ratio to LHCb

