

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, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(LHCB_2010_I865584)

- LHCb
- △ Pythia 6.427 370
- * Pythia 6.427 379
- △ Pythia 6.427 ambt1
- Pythia 6.427 z2

Ratio to LHCb

