Total EF -- hard scattering events ($p_T > 3$ GeV), $\sqrt{s}$=7 TeV

7000 GeV pp

Soft QCD

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

- ■ LHCB
- ▲ Pythia 8.315 default
- ◆ Sherpa 1.4.5 default

(LHCB_2013_I1208105)

Total $1/N_{int}$ dE/dη [GeV]

Ratio to LHCB

η