

7000 GeV pp

Soft QCD

Total EF -- non-diffractive enriched events, $\sqrt{s}=7$ TeV

■ LHCB

— Pythia 8.307 ppthermNoScat

Total $1/N_{\text{int}} dE/d\eta$ [GeV]

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2013_I1208105)

Ratio to LHCB

 η

2

3

4

2

1

0.5