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

7000 GeV pp

Soft QCD

Rivet 4.1.0, $\geq$ 100k events

mcplots.cern.ch [arXiv:2401.10621]

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

- LHCB
- Pythia 6.428 370
- Pythia 6.428 atlas-csc
- Pythia 6.428 d6t
- Pythia 6.428 default
- Pythia 6.428 dw
- Pythia 6.428 p0

(LHCB_2013_I1208105)

Ratio to LHCB

η