

7000 GeV pp

Soft QCD

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

- LHCb
- △ Pythia 6.428 370
- △ Pythia 6.428 373
- -○ Pythia 6.428 374
- Pythia 6.428 375
- -△ Pythia 6.428 381
- -▽ Pythia 6.428 382

Charged $1/N_{\text{int}} dE/d\eta$ [GeV] 10^2

10

1

(LHCb_2013_I1208105)

Ratio to LHCb

0.5

2

3

4

 η Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5