

7000 GeV pp

Soft QCD

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

- LHCb
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1208105)

Ratio to LHCb

2

1

0.5

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