

7000 GeV pp

Soft QCD

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

- LHCb
- + Epos 1.99.crmc.1.6.0 lhc
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

(LHCb_2013_l1208105)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to LHCb

2

1

0.5

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