

7000 GeV pp

Soft QCD

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

- LHCB
- Pythia 6.428 391
- + Pythia 6.428 393
- Pythia 6.428 394
- ▼ Pythia 6.428 395

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb\_2013\_I1208105)

