

7000 GeV pp

Soft QCD

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

- LHCb
- △ Pythia 6.428 370
- - \* Pythia 6.428 379
- △ Pythia 6.428 ambt1
- Pythia 6.428 z2

Rivet 4.1.0,  $\geq 100$  k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb\_2013\_I1208105)

Ratio to LHCb

 $\eta$ 