7000 GeV pp

Soft QCD

E_T density for the minimum bias selection

- ■ ATLAS
- ─·⊖─· Pythia 6.428 390
- ─·⊟─· Pythia 6.428 391
- ─·◇─· Pythia 6.428 392
- ─ ✳ ─ Pythia 6.428 396
- ─ ✳ ─ Pythia 6.428 397
- ─ ▼ ─ Pythia 6.428 398

$\#\left\langle \#\dfrac{\mathrm{d}\sum_{\mathrm{T}}^{E} \mathrm{E}_{\mathrm{T}} \#}{\mathrm{d}\eta\,\mathrm{d}\phi} \#\right\rangle$ [GeV]

(ATLAS_2012_I1183818)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

$|\eta|$