

First steps in analysing lateral shower profiles

About me:

- Bachelor Student at TU Dortmund
- Writing bachelor thesis about comparing the EM shower component in CORSIKA 7 and CORSIKA 8

CORSIKA 8 lateral particle

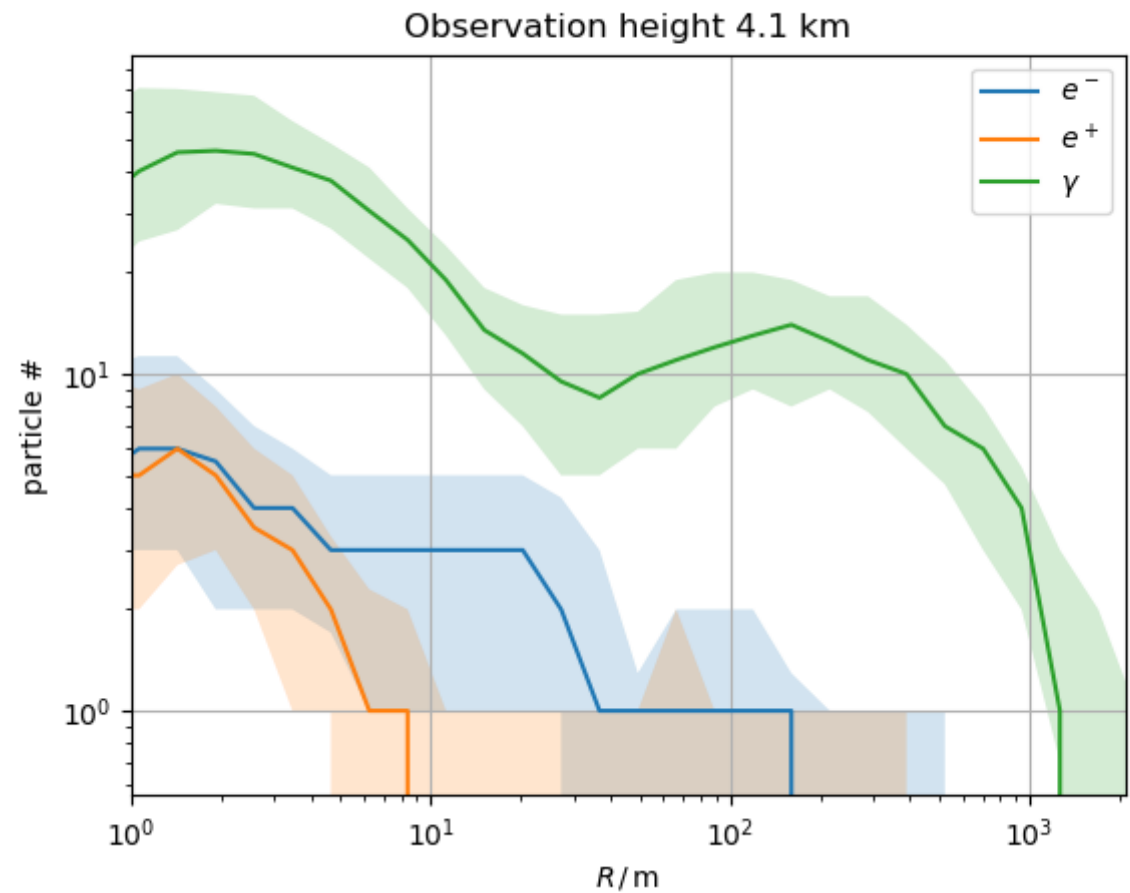
distribution

e^-
primary
particle

1 TeV
primary
energy

100
showers

10 MeV
particle cut



CORSIKA 8 lateral particle

distribution

e^-
primary
particle

10 TeV
primary
energy

20
showers

10 MeV
particle cut

