Comparison of data and Simulation for electrons "June 2018"

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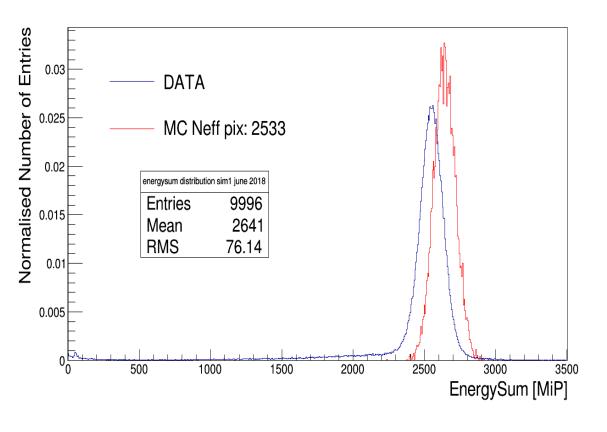


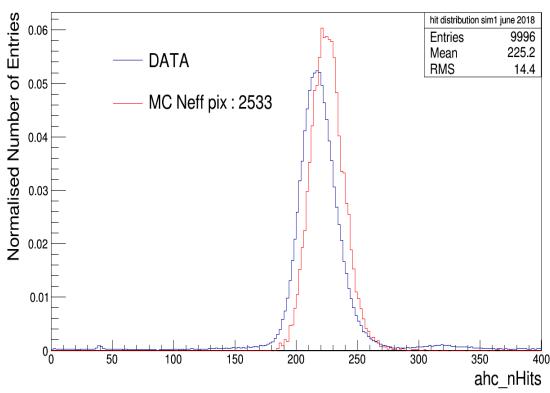


Plan

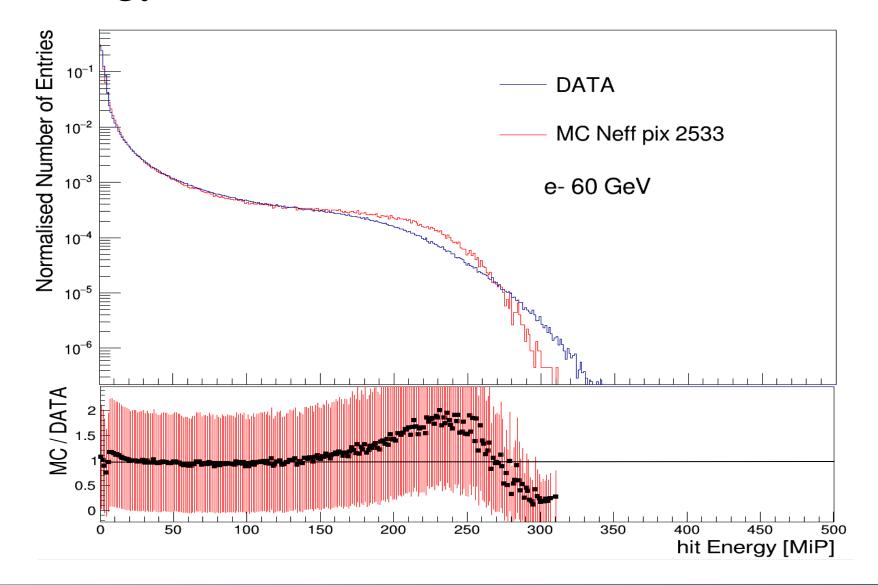
- Number of effective pixel defined is: 2533 pixels.
- First comparison for electron data with simulation: 60GeV.

Energy_sum and nHits distribution for data and simulation

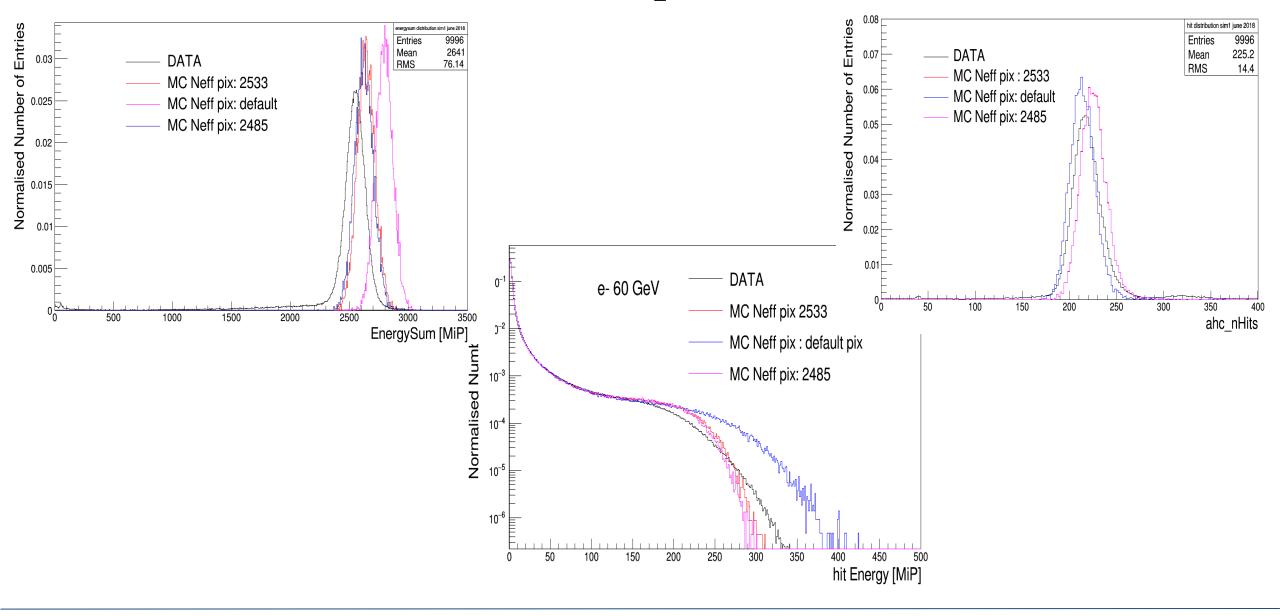




Hit Energy distribution for data and simulation



Variation of number effective pixels



Summary

- Run the simulation with implementation of the critical energy cut: 21MeV.
- The reconstruction (de-saturation) is done without implementation of the saturation parameters.
- Implementation of the particle ID processor.
- Look to the shower profile.
- Investigate more to understand the different between simulation and data.