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Muon LHCb Simulation

General informations

This page is intended to be a repository of documents about the LHCb Muon Simulation.

One of the main task is the parametrisation of the Low Energy Background to have an accurate simulation of the muon occupancy distributions w.r.t data.

The actual status is:

- 1) merge request ready for safely changing thresholds in Gauss;
- 2) low energy models for thermal neutron transportation added currently used in MC production;
- 3) LEB samples can be produced soon for parametrisation.

Software

Material

Low Energy Background [by](#) P. Griffith (Muon Software meeting 30/05/2019)

This topic: LHCb > MuonMC

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