
Subject: Re: MCTrack

Posted by [Mohammad Al-Turany](#) on Thu, 15 Nov 2007 12:20:06 GMT

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Hi klaus,

The MCTrack is filled when finishing an event (in your case after filling the Stack). but your task is trying to access the MCTrack in the initialization phase of a simulation session (CbmRunSim!). So either you do this in two steps:

1. in your macro, remove the CbmFastSim and run it. It will produce an output file(fastsim.root)
In fact, here you just copy the information from your event generator format to a format similar to the full simulation (There is not transport at all here)
2. create a new macro (Analysis macro, ie: CbmRunAna), set input file (output of step 1), add your task , and you will see the MCTrack and can use them

Or:

if you want to do it in one step, you have to use Stack, instead of MCTrack:

`CbmStack *fStack= gMC->GetStack();`

and from CbmStack you have access to all info on the fly before they are filtered(if?) and written out as an array of MCTracks

regards
Mohammad