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Subject: Re: loop over PndMcTracks

Posted by [Stefano Spataro](#) on Fri, 15 Nov 2013 15:39:25 GMT

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Hi, PndAnalysis is written as framework to perform physics analysis (invariant mass distributions, fitters, etc...) and not for detector studies. The only thing you can do there is, from the charged candidate, retrieve the Tof Index and from the index recover the FtofHit.

I can suggest you to take a look into the macro `macro/pid/track_check.C`.

This macro loops over MCTrack, select only primary particles (`GetMotherID() == -1`), and for each mctrack it finds the pid candidate correlated to such track. This is a basic scheme, but if you substitute the names with ftof classes you can do whatever you want. Also the macro `pid_check.c` could help you to understand the mechanism (I am not touching them since a while then maybe they could crash, but all the basics are inside).

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