Hello,

I think MC stuff is not so easy as it could appear.
As example, let's consider that your track is made by 20 points, and of course each point will
have a MC id (so pid, p theta, and so on). And you wantt to store this info inside your track.

The id could be the same, but some points could come from different tracks (fake? wrong
pattern recognition? noise?).

So what now, you give one MC id to your track (which is not correct, because your tracks is
made by several particles, so you will have problems in computing purity efficiency and so on),
or you store the MC id for all the points that contribute to the track (so 20 MC id).

You can see that both the options are not so good, with the first you loose informations, with
the second you duplicate your MC id.

I think with the index to MCtrack you do not lose information, you store only one integer per
point, and after you can start to elaborate algorythm to identify the real id of the particle without
modifying what is streamed inside your track object.

This is only my personal point of view, I could be wrong