
Subject: Re: Fieldmaps for the half current solenoid
Posted by [donghee](#) on Sat, 15 Mar 2014 13:36:02 GMT
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Hi Stefan,

I agree on that your suggestion is rather convenient way in user point of view.
However one more thing is still not clear to me to decide easy and best way.

Is the reduced B-field(or Half B-field) now officially adapted by all tracking group and analysis group? If yes, "Full" have to use automatically reduced field at below 3 GeV as you suggested, but I didn't hear any conclusion about it.

Quote:

For less than 3GeV it has to be half and above the full.

One more naive question is
whether all tracking code have to be different corresponding lower field below 3 GeV case or
can keep all existing tracking code without any modification.
I hope that latter is the case.

In any case, the implementation can be easily done without any problem by someone, and
need some simulation tests with this field map.
I will try to compare full or half map with some channels, when everything is ready, I expect
that some resolution tests have to be done.

Best wishes,
Donghee