
Subject: Re: Fieldmaps for the half current solenoid
Posted by [donghee](#) on Sun, 16 Mar 2014 08:53:12 GMT
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Hi,

Please find the implementation for the application of half field map,F
/lustre/panda/donghee/FieldMap_Half.tar.gz (~ 20MB)
Hier is the procedure how configuration looks like.

I took over the field map files, what is produced by Prome and Jost Luehning.
The root files and data objected inside each file are renamed by

SolenoidMap_Half1.root
SolenoidMap_Half2.root
SolenoidMap_Half3.root
SolenoidMap_Half4.root
TransMap_Half.0150.root

The name of data object have to be also changed because that way one can avoid to touch
PndSolenoidMap.cxx and PndTransMap.cxx code.

Two configurations are introduced in PndMultiField.cxx.
"HALF" is for full configuration but reduced field at below 3 GeV
"SOLENOID_HALF" is for using only solenoid also at below 3 GeV

A quick test with "HALF" has been done, the simulation works fine.
Stefano, Could you manage to put them all into the truck? README is in there.

Best wishes,
Donghee
