
Subject: Re: Panda Magnet Field Map

Posted by [Mohammad Al-Turany](#) on Fri, 27 Nov 2009 15:21:09 GMT

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HI,

Quote:If I use 7.5 GeV beam energy by fRun->SetBeamMom(7.5);, then I should do
PndDipoleMap *map_d1= new PndDipoleMap("DipoleMap1.0809", "R");
PndDipoleMap *map_d2= new PndDipoleMap("DipoleMap2.0809", "R");

or Can the dipole field be automatically set up by beamenergy? then I can write down still.

```
PndDipoleMap *map_d1= new PndDipoleMap("DipoleMap1", "R");  
PndDipoleMap *map_d2= new PndDipoleMap("DipoleMap2", "R");
```

No, it is clarified in the link I posted, you just use DipoleMap1 and then the framework decide according to the beam momentum which file he takes.

Quote:

Concerning solenoid field, so, how are 4 different regions defined?

if you call the print of any map you get all information about it.

Mohammad