
Subject: Re: B field scaling for PANDA

Posted by [Mohammad Al-Turany](#) on Tue, 03 Feb 2009 10:13:44 GMT

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Hallo Lars and all,

I already discussed with Jost about this, and the fact that the field in the region between dipole and solenoid cannot be calculated alone make it impossible to scale this map just by a factor. I agree on what you said about doing this in the initialization, in fact I do not see any other way to do this, one have simply to choose a TOSCA calculated map for a certain beam energy.

In fact, for each energy we need three maps, (i.g: Transient and the two dipole regions) Jost already told me that he will generate these maps (with different dipole current) and I will put them in the SVN end of this week (I hope!). Then we have to see how to correlate between the beam energy and the loaded maps but this is a detail!

regards,

Mohammad