Subject: Re: B field scaling for PANDA
Posted by Jost Lühning on Fri, 30 Jan 2009 15:52:44 GMT
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Dear all,

next week I could produce new field maps for the dipole and for the area between dipole and solenoid. The question is: At which dipole currents?
There is a saturation in the dipole which can be seen in this plot:

It shows the normalised field integral of the dipole on the z-axis. The red line is calculated for steps of 5% dipole current, the blue line indicates steps of 20% .
Would 5 field maps (in steps of 20%) be sufficient for the dipole?

Ciao,
Jost

File Attachments

1) Norm_Field_Dip.png, downloaded 1531 times

