Subject: Re: GLAD magnetic field
Posted by PaulinaM on Mon, 20 Mar 2017 10:46:51 GMT
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Hi Dima,

thank you very much for your reply. Adjusting the fieldscale worked well for charged particles. However, primary neutrons very often interact with the Glad wall, which is problematic for my task. I attach a picture of an event with one alpha (red) and two neutrons (blue). Only primaries are displayed, the neutron hitting the wall produces a mess, naturally. What can be/has to be done in order to get the majority of the neutrons further away from the Glad wall?
Also the trajectory of the alpha often just ends somewhere in the magnet, without hitting or producing anything (as in the picture, there were no secondary trajectories at that endpoint) is this related to some cut off that can be adjusted?

Thanks a again and best regards,
Paulina

File Attachments

1) Glad_alpha-2n.png, downloaded 668 times