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Subject: Re: Particle reached max step number

Posted by [Dmytro Kresan](#) on Thu, 18 Aug 2016 08:53:10 GMT

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In your case with actar simulations, you need to adjust two files in gconfig directory:  
g4GarfieldConfig.C and g4garfieldconfig.in

In first you can set maximum number of steps.

You can set only maximum step length. The minimum step size is controlled by energy cut for a specific particle / process, larger cut --> larger step size. Refer to Geant4 manual.

I saw also that you need to change garfield region in g4garfieldconfig.in to helium.

Best regards,  
Dima

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