

Subject: Re: Step size in TPC Simulation with new external packages

Posted by [Viola Michael](#) on Thu, 13 Dec 2007 14:45:20 GMT

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Hi!

To illustrate the step size dependence of the dedx shape, which is my problem, i have plotted the following:

where red is 0.5 cm maximum stepsize, then comes 1.0, 1.5, 2.0, 2.5, 5.0, and the black line is no step size limitation.

(in the SetCuts.C macro i have set everything to zero expect energy loss)

Can there be done something to avoid this or can someone explain this behaviour to me?

Thanks in advance!

Viola

File Attachments

1) [dedx_shape_vs_steplimit.png](#), downloaded 680 times

