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Subject: Re: StepSize 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 stepsize 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 783 times

