Subject: Re: Stepsize in TPC Simulation with new external packages
Posted by Mohammad Al-Turany on Thu, 13 Dec 2007 14:30:40 GMT
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Hallo Sebastian,

Quote:The difference between G3 and G4 should be investigated. Maybe the G4 community
could look at this.

We are also investigating the energy loss in very thin Si layers and we have big differences
between G3, G4 and Fluka we are also comparing with data! in this investigation we are
already discussing with FLUKA team and some of G4 team who explain us that we should use
G4.9 because they have made large corrections So maybe this explain what you see! any way
we are still investigating this.

Quote:However the way you constructed the TpcPoints is not what we can use. If I understand
you correctly you get only the energyloss over the complete track piece in the tpc. What we
need is an energy loss information every 5mm!
So please leave TpcDetector as it is and try to reproduce the problem!

I did not touch your code, I only change it in my local copy so do not worry about this!

Mohammad