Subject: GEANT3 energy loss
Posted by Sebastian Neubert on Mon, 07 Apr 2008 14:32:53 GMT

Hi!

in Munich we are working on the Energy Loss simulations in the TPC. Viola is using revision 2233 of the gconfig package and we have the impression, that the behaviour of GEANT is instable. At least it has changed from what we got some weeks ago.

Now we observe, that also geant 3 seems to be sensitive to the step size limitation. For low momenta (<300 MeV) we observe generally too low energy loss values. The effect seems again to depend on the step size.

Has anything changed in the GEANT configuration?

Cheers! Sebastian.