Subject: Energyloss in thin silicon detectors
Posted by Prometeusz Jasinski on Tue, 29 Oct 2013 14:10:26 GMT
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Hi,

my bachelor student is studying the radiation damage on our luminosity detector sensors. When looking on the total energy loss per track and event in the distributions... I simply do not understand them. Other distributions I have seen in this forum do not seem to show those strange peaks. Are we cutting the edge with 50µm thick sensors at Geant4 and high particle energies (MIP) ?

Please have a look to the pages 2-6.

Regards

Promme

File Attachments

1) Analysis,Plab15GeV.pdf, downloaded 519 times