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Subject: radiation length study or G3 vs G4

Posted by [Dmitry Khaneft](#) on Wed, 23 Jun 2010 14:02:11 GMT

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Dear all,

After analysis of the simulations data I noticed that data isn't consistent with the result of my radiation length study. Points with a high  $X_0 > 2$  have the same statistics as other. What is impossible.

remark: simulation was performed with G3 but radiation length study with G4.

After repeating of radiation length study with G3 I got absolutely different picture.

Can someone explain why results obtained with G3 and G4 are so different?

Best regards,  
Dmitry

#### File Attachments

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- 1) [g3radlen.eps](#), downloaded 516 times
  - 2) [g4radlen.eps](#), downloaded 453 times
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