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Subject: Re: Problem with TGeant4?

Posted by [Hector Alvarez Pol](#) on Tue, 28 Jun 2016 10:19:23 GMT

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Dear Christiaan,

we have experienced some problems with the simulation of XB due to an error in the energy cutoff in file xball/R3BXBall.cxx.

The value of the parameter

`Double_t cutE = 0.01; // GeV-> 1 keV`

is wrong, as 0.01 (10 MeV) does not represent a reasonable value for the XB.

We are now checking it and we will report and modify the value in the Git distribution.

I do not know if your problems could be related to the same parameter for NueLAND, but it would be reasonable to check.

Best regards,

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