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Subject: Re: g3Config.C

Posted by [Stefano Spataro](#) on Mon, 05 Nov 2007 15:23:17 GMT

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Quote: Note that STRA is zero (not 1), HADR is 1 (not 3) and LOSS is 2 (not 1).

Hi,

STRA is for collision sampling to simulate energy loss in thin materials or gases, and I think it should be ON for the gaseous detectors. By default it is OFF, but in HADES we have turned it on.

LOSS is for energy loss, 1 means continuous energy loss with generation of delta rays above DCUTE and restricted Landau fluctuations below DCUTE, while 2 means continuous energy loss without generation of delta rays and full Landau-Vavilov-Gauss fluctuations. Option 2 is the default one and in HADES we kept it.

About HADR, I have no idea on the different models for hadronic interactions.

Hope it helps somehow.

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