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Subject: g3Config.C

Posted by [Jens Sören Lange](#) on Fri, 02 Nov 2007 08:47:53 GMT

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Dear all,

Florian brought up a maybe important point for the 2.0 release.

In combination with the geant the

gconfig/g3Config.C

was updated. See

[http://forum.gsi.de/index.php?t=msg&th=1439&rid=0&S=bbde01292b20e2454231cc514702ac1c#msg\\_4722](http://forum.gsi.de/index.php?t=msg&th=1439&rid=0&S=bbde01292b20e2454231cc514702ac1c#msg_4722)

in particular:

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[...snip...]

which we have asked Rene Brun at Cern to update in the VMC cvs, and the files:

in pandaroot

gconfig/Geane.C

gconfig/g3Config.C

[...snip...]

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However, Florian noticed that the physics settings changed.

```
geant3->SetDCAY(1);
geant3->SetPAIR(1);
geant3->SetCOMP(1);
geant3->SetPHOT(1);
geant3->SetPFIS(0);
geant3->SetDRAY(1);
geant3->SetANNI(1);
geant3->SetBREM(1);
geant3->SetMUNU(1);
geant3->SetCKOV(1);
geant3->SetHADR(3);
geant3->SetLOSS(1);
geant3->SetMULS(1);
geant3->SetRAYL(1);
geant3->SetSTRA(1);
```

In the repository right now, the g3Config.C (and also you will find there a g3Config\_new.C) have still the old settings, as they were during the whole year (because Florian did this intentionally for now). They are also consistent with Stefano's talk in

http://panda-wiki.gsi.de/pub/Computing/PresentationsCMMarc2007/20070326-GenovaSpataro.ppt

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But maybe the new settings were also intentional?  
(Andrea, could you please take a look?)

It means, we might have differences between g3 for PandaRoot 1.X and g3 for PandaRoot 2.X (now that maybe g3 and g4 hopefully are consistent, this keeps it interesting, and Stefano might enjoy to do many more comparisons ...).

So, can everyone please take a look if she/he thinks that the above settings are correct?

cheers, Soeren

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