## Subject: TRandom() -  seed

Posted by Elisabetta Prencipe (2) on Tue, 23 Sep 2014 14:35:45 GMT

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Dear Stefano, dear all,

 I am checking the performaces of the trunk rev-25813, and compare with the release scrut14. In running the simulation, I found something which deserves a comment (I don't know how/if this could affect the results, probably it does not).

The issue is the following: when I run the macro/run/sim_complete.C, the output of my job is

[...]
<I> pbar-Momentum: 9.83
<I> Rnd Seed: -1
<I> Rnd Seed changed to 1902248331
EvtGen:Initializing EvtGen

[...]

| **** | 1 IDEVT= | 1 Random Seeds = 1828892808 | 0 |
| **** | 2 IDEVT= | 2 Random Seeds = 1828892808 | 0 |
| **** | 3 IDEVT= | 3 Random Seeds = 1828892808 | 0 |

So, it looks that EvtGen random seed and the TRandom seed associated to the events are different in the same file.
I also saw quite often negative seeds or, in some cases, no seed assigned, but only a series of "**********", while starting with an integer number from EvtGen.

Did anybody experience the same?

Best regards, Elisabetta