Moreover, before starting the geant3 compilation I found that I have the following errors:

mv: cannot stat `xsneut.dat': No such file or directory
mv: cannot stat `chetc.dat': No such file or directory

and I have many many warnings like:

ggeom/gvlong.F
ggeom/gvpsqr.F
ggeom/gvsafe.F
 In file ggeom/gvsafe.F:73

    IF (SLATE(10))   101,102,103
                                        1
Warning: Obsolete: arithmetic IF statement at (1)

before the error.

Just taking a look into the "old" geant3, I have seen that now there is not anymore the geant3/config directory, where I set my f77 compiler in the Makefile.linux (that in my case is g77-3.4.6).
I found that the Makefile.linux is the ROOT one (in root/etc/vmc), I modifed it there and now it seems to work (before it was the g77 of gcc 4.1.1)... without those warnings and without that error... but of course now I have to recompile root.
I will let you know when and if I will succeed or not.

In each case the errors:

mv: cannot stat `xsneut.dat': No such file or directory
mv: cannot stat `chetc.dat': No such file or directory

are still there, of course.