Dear all,

I have a problem with the execution of R3BRoot in the new external package of fairsoft, after having updated Ubuntu to the newest version (12). With the old version of fairsoft, I did not have this error.

Everything compiles good but when I execute the macro of R3BRoot of r3bsim.C I receive the following message:

 -I g4Config() using g4conf macro:
/home/josesrs/fairsoft_sept2012/r3broot/gconfig/g4r3bconfig.in

R3BPhysicsList::AddPhysicsList <penelope>
R3BPhysicsList::AddPhysicsList <decay>
R3BPhysicsList::AddPhysicsList <elastic>
R3BPhysicsList::AddPhysicsList <binary>
R3BPhysicsList::AddPhysicsList <binary_ion>
R3BPhysicsList::AddPhysicsList <gamma_nuc>

***** Illegal application state </run/particle/dumpCutValues>
(if I take out this command nothing changes)

*****

***** Batch is interrupted!! *****
 ****
 *   W A R N I N G ! ! !   *
 ****
 *   *
 * Class G4AtomicDeexcitation is obsolete. It has been   *
 * discontinued and is going to be removed by next Geant4 *
 *   release please migrate to G4UAtomDeexcitation.

Where do I change this class for the new one?

Then the macro runs everything and goes on well, I execute: eventDisplay.C, califaAna.C and then but when I execute the macro checkResults.C, I find the folowing call:

Error: illegal pointer to class object branchCrystalHit 0x0 2939 checkResults.C:213:

And I cannot see the results.

I think it is a problem of the first error Batch is interrupted!! of the G4 package.

Any help?

Thanks!!

Jose Sanchez del Rio