Subject: Re: Detector materials with radiation length not equal to zero
Posted by Raghav Kunnawalkam on Wed, 18 Apr 2012 01:28:56 GMT
View Forum Message <> Reply to Message

Hi Mohammad

I got rid of all the errors that you mentioned previously, but now i am faced with another problem.

My output from eicroot, looks exactly the same as the rutherford example. the radiation length plots all look the same.

This is what root tells me when running the radiation length calculator for eicroot:

```
...
first input: none
second input: none
output:
OBJ: FairParRootFile
/Users/raghav/fairroot/example/eicroot/simpletracker/macros/data/params_ eic.root  : 0 at:
0x7fd3504c2900
Root file I/O  /Users/raghav/fairroot/example/eicroot/simpletracker/macros/data/params_
eic.root is open
detector I/Os:  FairGenericParIo
 **** GTRIGI: IEVENT=      1 IDEVT=      1 Random Seeds =       4357           0
[INFO   ] [17.04.2012 21:25:27] [FairPrimaryGenerator.cxx::GenerateEvent:170]
FairPrimaryGenerator: (Event 1) 1  primary tracks from vertex (0.000000, 0.000000, 0.000000
)  Event Time = 0.000000 (ns)
-I- FairStack: Filling MCTrack array...
-I- FairStack: Number of primaries        = 1
               Total number of particles  = 1
               Number of tracks in output = 1
Track 0, mother : -1, Type 0, momentum (0, -0, 0) GeV
      Ref 0, TutDet 0, Rutherford 0
-I- FairStack: Updating track indizes......stack and 9 collections updated.


Macro finished succesfully.
```

Even though i have not mentioned the word rutherford anywhere in my eicroot directory, the output still is counting something like it. It is very puzzling to me.
And the log files for both look exactly the same (ofcourse the geometry part is different).

Last time you referred me to examples in panda, which either do not have the data files or the config files in them. So it is very hard to follow them.

Any ideas why it is still showing me rutherford?

Thanks a lot
Raghav