
Subject: Re: FEEMC from ROOT file

Posted by [Aleksandra Biegun](#) on Fri, 11 Apr 2008 11:07:08 GMT

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Hi Stefano,

now, both of these files with geometry are already at svn (emc_module3new.root you can also generate by yourself using createRootGeoFileFwEnd_changed.C, which is in the pandaroot/macro/emc/ directory).

If one wants to do simulation with both of the emc geometry, in the sim_emc.C macro one should use:

```
PndEmc *Emc = new PndEmc("EMC",kTRUE);  
Emc->SetGeometryFileNameDouble("emc_module1245.dat","emc_module3new.root ");  
fRun->AddModule(Emc);
```

With full_sim.C everything works fine for me, when I generated 1000 gammas with 1GeV or 10GeV energy, but when I tried to use each of the script separately (hit_emc.C, digi_emc.C and reco_emc.C), it crashed at digi level (there is still some strange detector ID produced in PndEmc.cxx, I am checking it).

Please run it to check if for you it works.

Cheers,
Ola.