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Subject: EMC energy & theta corrections for photons  
Posted by [Aleksandra Biegun](#) on Wed, 10 Mar 2010 18:08:56 GMT  
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Dear EMC People,

the energy and theta corrections implementation is added to svn.  
There is a new sub-directory in  
../trunk/emc/EmcCorr/

I also added the macro emc\_complete\_corr.C  
to ../trunk/macro/emc/dedicated/

where is shown how to add the task for EMC corrections, which is:

```
PndEmcMakeCorr* emcCorrection= new PndEmcMakeCorr(2,transportModel);  
emcCorrection->SetStorageOfData(kFALSE);  
fRun->AddTask(emcCorrection);
```

My presentation, which was hardly seen during the computing session (I'm sorry for that!)  
is available at the [www-panda.gsi.de](http://www-panda.gsi.de) indico site  
at Computing session from 8 March 2010.

Best regards,  
Ola.

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Subject: Re: EMC energy & theta corrections for photons  
Posted by [Aleksandra Biegun](#) on Thu, 11 Mar 2010 10:58:34 GMT  
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Hello,

I want to make comments concerning .root files I added  
to ../trunk/macro/params/

[particle]\_en\_th\_[TransportModel].root

ONLY the gamma\_en\_th\_TGeant4.root  
file is correct (!), done for photons and for GEANT4.

The other 7 files are just copies of that for photons,  
to be able to check the code for other cases.  
You can decide if it will be needed or not.

In case of YES, the maps for other particles (electron, pion, other, e.g. proton) and GEANT3  
should be done.

In case of NO, the fake .root files should be deleted and the ../trunk/emc/EmcCorr/PndEmcMakeCorr.cxx simplified.

Regards,  
Ola.

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