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Subject: Re: Problem with mass constraint fit for two gamma  
Posted by [Dima Melnychuk](#) on Fri, 04 Jul 2014 09:23:08 GMT  
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Hi Donghee,

Actually I do not see a problem using raw energy for error matrix assuming the same energy is used for parametrization and calculation of error matrices. I.e. error matrix is calculated for the proper raw energy (in PndPidCorrelator) but may be the error itself will be expressed in non-corrected energy units but I think it's a second order effect here.

On the other hand using corrected energy will complicate the code. The method `GetEnergyCorrected()` of the `PndEmcCluster` is obsolete and in principle should be removed. You obtain corrected energy with `PndEmcClusterCalibrator` class, as for example `(fEmcCalibrator->Energy(cluster))` and using corrected energy will create dependence of `PndEmcErrorMatrix` class on `PndEmcClusterCalibrator`, which is not a problem if it's necessary, but I am not sure it is.

Dima

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