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 expresed in non-correcterd 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 The method GetEnergyCorrected() of the PndEmcCluster is obsolete and in principle should be removed.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 obtaine corrected energy with PndEmcClusterCalibrator class, as for example (fEmcCalibrator->Energy(cluster)) and using correcte 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