Subject: macro/param/*.root for Fwd EMC
Posted by donghee on Wed, 15 Dec 2010 12:02:31 GMT
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Dear collegues,

I have seen that some correction files under /macro/param/
electron_en_th_corr_TGeant3.root
electron_en_th_corr_TGeant4.root
and also exist for gamma and other.

Are they related shashlyk FWD EMC?
What stands for?

Best wishes,
Mery Christmas!
Donghee


Subject: Re: macro/param/*.root for Fwd EMC
Posted by Dima Melnychuk on Wed, 15 Dec 2010 12:22:29 GMT
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Hi Donghee,

those files
electron_en_th_corr_TGeant3.root
electron_en_th_corr_TGeant4.root

containes energy-position corrections for both target EMC and shashlyk forward EMC.

But the files existing in svn,
i.e. gamma_en_th_corr_TGeant3.root, electron_en_th_corr_TGeant3.root
contain correction only for gamma and version for electron is simple copy of version for
gamma.

See
 http://forum.gsi.de/index.php?t=tree&th=2758&start=0&rid=78&
amp;S=021fd175a9f9c53e803355e1c5067751

and

 http://forum.gsi.de/index.php?t=tree&th=2758&start=0&rid=78&
amp;S=021fd175a9f9c53e803355e1c5067751#page_top

for details how to use them (particularly in macro
/macro/emc/dedicated/emc_complete_corr.C).

Recently I added new class
EmcCorr/PndEmcClusterCalibrator.cxx
to use correction in parralel with parametrized corrections
and some related macros to calculate them in
/macro/emc/dedicated/EnergyPosCorrection
but this work is still in progress.

Dima

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