Hi,

It's pity that it does not help, i.e. usage of emc_error_matrix_1.root instead of
emc_error_matrix_default.root.

Comment to Stefano, that emc_error_matrix_1.root was calculated for geometry which is
different from current only for forward endcap and modification in reconstruction code should
not be (?) relevant for this case.

Comment to Donghee

> It means that in fast simulation the error matrix "emc_error_matrix_1.root" has been
accessed correclty but in full simulation old parameterization emc_error_matrix_default.root
was used up to now.

No, in fast simiulation the error matrices were calculated/parametrized independently.

> Did you make parametrizations for Barrel, Forward endcap, Backward endcap, forward EMC,
all 4 parts separately?
There is a separate parametrization for each EMC part but I calculated them in one macro.

But the conclusion is that error matrices should be recalculated at least for modified forward
endcap, but parametrization/fit should be checked anyway, since I do not suppose that only
forward endcap introduces problems.

So it makes sense to start with some QA macro to look for pull distribution for pi0 before/after
4C-fit and only later to recalculate error matrices.

Dima