Subject: Re: Fast Simulation- neutral particle
Posted by Elisabetta Prencipe (2) on Wed, 02 Apr 2014 13:40:11 GMT
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Dear Klaus and Ralf,

it is still not clear to me how we should fill up the neutral list in the new release.
I am running in the trunk 24275 right now.

For example, in the old release if I type:

theAnalysis->FillList(gammas, "Neutral");

this works ["works"....great word! At least it does not produce a crash]

In the new /macro/scrut for charged particles one has to fill up lists in this way:

theAnalysis->FillList(kplus, "KaonAllPlus", pidalg); //example for kaon+ list

But for neutral particles I think it is wrong to write:

theAnalysis->FillList(gammas, "Neutral", pidalg);

especially if I read in the macro:

// *** name of the only PidAlgo TClonesArray in fsim
TString pidalg = "PidChargedProbability";

Now, to write simply:
theAnalysis->FillList(gammas, "Neutral");

gives a Seg Fault, as the info concerning the pid-algorithm MUST be passed, for how this is defined.

So, my question follows that posed from Lu in the past days: how shall we fill up the list of neutrals in the new release? Without this, here we are stacked, as in all channels we try to reconstruct, at least one photon gets involved.

Thank you for your suggestion,

Elisabetta