Subject: (SOLVED)Obtain Raw Info from Calorimeter (old GetMicroCandidate from TCandList class)
Posted by Mamen on Tue, 15 Apr 2014 16:12:05 GMT
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Hi, everybody!

Finally after so many years of delay I'm learning how to use PandaRoot.
I got some macro from Dmitry Khaneft and I am trying to reproduce his analysis to start learning a bit the code.
By now I have already encountered some problems. The Class TCandList has been changed to RhoCandList, and some of the methods seem not to be available anymore.
For instance I was trying to get some EMC information:

```
for (Int_t j=0;j<negative.GetLength();++j){
    if(negative[j].GetMicroCandidate().GetEmcIndex()>-1){
      // *** Fill momentum vs E/p
      hEPvsP->  Fill(negative[j].GetMicroCandidate().GetMomentum().Mag(),negative[j].Get
MicroCandidate().GetEmcCalEnergy()/negative[j].GetMicroCandidate().GetMo
mentum().Mag());
      // *** Fill number of crystals hit in the EMC
      hNCrystalsEMC->Fill(negative[j].GetMicroCandidate().GetEmcNumberOfCrystals());
    }
```

the object 'negative' is defined as follows:

```
RhoCandList negative;
```

and it refers to the negative tracks.

The method GetMicroCandidate() doesn't exist anymore in the class RhoCandList.
I was trying to find out how to do this using the new RhoCandList, instead of the old TCandList, but I could not manage to find any documentation ...
Could somebody help me? Please!

Thanks a lot in advance!
Cheers!
Mamen