
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].GetMicroCandidate().GetEmcCalEnergy()/negative[j].GetMicroCandidate().GetMomentum().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
