
Subject: Re: Obtain Raw Info from Calorimeter (old GetMicroCandidate from TCandList class)

Posted by [Klaus Götzen](#) on Tue, 15 Apr 2014 18:07:01 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

that's not completely true. Some of the values which are created by e.g. PID detectors are actually filled. Which values are available can be seen in PndFastSim.cxx, line 441 ff.

```
441 pidCand->SetMcIndex(iTrack);
442 pidCand->SetMvdDEDX( ft->detResponse()->MvddEdx() );
443 //pidCand->SetMvdDEdxErr( ft->detResponse()->MvddEdxErr() );
444 pidCand->SetSttMeanDEDX( ft->detResponse()->SttdEdx() );
445 //pidCand->SetSttDEdxErr( ft->detResponse()->SttdEdxErr() );
446 pidCand->SetTofM2( ft->detResponse()->m2() );
447 //pidCand->SetTofM2Err( ft->detResponse()->m2Err() );
448 pidCand->SetDrcThetaC( ft->detResponse()->DrcBarrelThtc() );
449 pidCand->SetDrcThetaCErr( ft->detResponse()->DrcBarrelThtcErr() );
450 pidCand->SetDrcNumberOfPhotons(0);
451 pidCand->SetDiscThetaC( ft->detResponse()->DrcDiscThtc() );
452 pidCand->SetDiscThetaCErr( ft->detResponse()->DrcDiscThtcErr() );
453 pidCand->SetDiscNumberOfPhotons(0);
454 pidCand->SetRichThetaC( ft->detResponse()->RichThtc() );
455 pidCand->SetRichThetaCErr( ft->detResponse()->RichThtcErr() );
456 pidCand->SetRichNumberOfPhotons(0);
457 pidCand->SetEmcCalEnergy(ft->detResponse()->EmcEcal() );
458 pidCand->SetMuolIron(ft->detResponse()->MuolIron() );
```

Best,
Klaus
