Subject: Question about DSK PID detector at PANDAroot
Posted by donghee on Wed, 17 Oct 2012 08:07:11 GMT
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Dear PANDAusers,

I wondering about Drc and Dsk software structure!

In suggested simulation macro, I have seen Dsk and Drc as like following

Quote:
```
PndDsk* Dsk = new PndDsk("DSK", kTRUE);
Dsk->SetGeometryFileName("dsk.root");
Dsk->SetStoreCerenkovs(kFALSE);
Dsk->SetStoreTrackPoints(kFALSE);
fRun->AddModule(Dsk);

PndDrc *Drc = new PndDrc("DIRC", kTRUE);
Drc->SetGeometryFileName("dirc_l0_p0_updated.root");
Drc->SetRunCherenkov(kFALSE); // for fast sim Cherenkov -> kFALSE
fRun->AddModule(Drc);
```

But Digi macro, only hit producers of DRC is introduced
Quote:
```
 -----   DRC hit producers   --------------------------------
PndDrcHitProducerIdeal* drchit = new PndDrcHitProducerIdeal();
drchit->SetVerbose(iVerbose);
fRun->AddTask(drchit);
```

There are no DISK part at all in the digitization.
Is DRC not involved our PID?
Is planned to put it in someday later?

Best wishes,
Donghee