Subject: [FIXED] use MC particle hypothesis in PndRecoKalmanTask
Posted by Lu Cao on Wed, 30 Oct 2013 13:17:44 GMT
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Dear all,

In the rec macro, when I enable the flag to use the MC particle hypothesis as

```
recoKalmanFwd->SetIdealHyp(kTRUE);
```

my analysis macro crashes with the following error message.
Quote:

```
************************************************************
    initialisation for run id 1377867347
************************************************************
-I- FairRunTimeDB::InitContainer() FairBaseParSet
-I- FairRunTimeDB::InitContainer() PndSensorNamePar
-I- FairRunTimeDB::InitContainer() PndMultiFieldPar
-I- FairRunTimeDB::InitContainer() ANAPidSelections
[ERROR  ] init() ANAPidSelections  not initialized
Error in <FairRuntimeDb::initContainers()>: Error occured during initialization
[INFO   ] The number of entries in chain is 2000
[INFO   ]  Branch: PidAlgoIdealCharged  not found in Tree
[INFO   ]  Branch: PidAlgoIdealCharged  not found in Tree
Warning in <PndAnaPidCombiner::PndAnaPidCombiner::ReadTCA()>: No
"PidAlgoIdealCharged" array found.

 *** Break *** segmentation violation
```

Do any experts know how to fix this problem?
I have tried this flag with the other Kalman task "PndRecoKalmanTask* recoKalman", this problem doesn't happen. My PandaRoot is rev#20993. The 4-step simulation codes and the test analysis macro are attached.

Many thanks in advance.

Best,
Lu

File Attachments

1) dspair.dec, downloaded 414 times
2) sim.C, downloaded 425 times
3) dig.C, downloaded 458 times
4) rec.C, downloaded 451 times
5) pid.C, downloaded 454 times
6) mytask.C, downloaded 483 times