
Subject: [FIXED] Problems with analysis: PidAlgoMvd not found in Tree

Posted by [Mamen](#) on Wed, 30 Apr 2014 12:18:21 GMT

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Hey guys!

I have a problem when running my analysis.

I try do do a simulation using the Event Generator developed by Manuel Zambrana, wich is included in PandaRoot and available to everybody.

To do that I followed the instructions of Dmitry Khaneft, and I manage to do the simulation, digitization, reconstruction and particle identification. But when I run the analysis I get the next Warning and then it crashes

```
*****
```

```
initialisation for run id 1398851978
```

```
*****
```

```
-I- FairRunTimeDB::InitContainer() FairGeoParSet  
-I- FairRunTimeDB::InitContainer() FairBaseParSet  
-I- FairRunTimeDB::InitContainer() PndSensorNamePar  
-I- FairRunTimeDB::InitContainer() PndMultiFieldPar  
-I- FairRunTimeDB::InitContainer() ANAPidSelections
```

```
ANAPidSelections initialized from Ascii file
```

```
[INFO ] The number of entries in chain is 1000
```

```
[INFO ] Branch: PidAlgoMvd not found in Tree
```

```
[INFO ] Branch: PidAlgoMvd not found in Tree
```

```
Warning in <PndAnaPidCombiner::PndAnaPidCombiner::ReadTCA(>: No "PidAlgoMvd" array found.
```

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

I don't want to start copying all my simulation and analysis code, and it looks like the problem comes from the PID macro... but I'm not sure about it.

Can I get any hints/help to solve the problem?

The same analysis works for another e+e- event generator, without problem, and I didn't change anything from the digi, reco, pid macros...

I'm a bit lost...

Thanks in advance

Subject: Re: Problems with analysis: PidAlgoMvd not found in Tree

Posted by [StefanoSpataro](#) on Wed, 30 Apr 2014 13:10:40 GMT

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Can you open the pid_complete.root and check from the TBrowser that PidAlgoMvd is written there?

And could you check if in pid_complete.C the following lines are included and not commented out:

```
PndPidMvdAssociatorTask *assMvd= new PndPidMvdAssociatorTask();  
fRun->AddTask(assMvd);
```

Subject: Re: Problems with analysis: PidAlgoMvd not found in Tree
Posted by [Mamen](#) on Wed, 30 Apr 2014 15:23:26 GMT
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Thanks Stefano,

I tried to read the file with the TBrowser, the PID branches were all not saved.

I found the origin of the problem, I was reading the wrong input file in one of the steps... (My fault) It took me some time to find out, but now It finally works.
Thanks again for your help, and sorry for the inconveniences.

Mamen
