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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

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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);
```

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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

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