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Subject: Problem running sim with IdealTrackFinder on Kronos  
Posted by [Walter Ikegami Andersson](#) on Wed, 05 Apr 2017 15:11:39 GMT  
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Hello everyone,

I'm trying to run simulations with the new pandaroot release feb17p1 using the IdealTrackFinder.

I used the script jobsim\_kronos.sh in pandaroot/macros/prod, where the macro prod\_aod.C was used and a single line was modified:

```
//fRun->AddRecoTasks(kFALSE);  
fRun->AddRecoIdealTasks(kFALSE);
```

When I submit the job with the following command:

```
sbatch -a1-20 jobsim_kronos.sh d0sim 10 D0toKpi.dec 12. ana 10
```

the run crash with a segmentation break. I've attached the log file.

The IdealTrackFinder is working fine when I test it with the macros in pandaroot/macro/master/recoideal\_complete.C

Anyone has any idea what is wrong?

Best regards,  
Walter

#### File Attachments

1) [d0sim\\_1\\_pid.log](#), downloaded 521 times

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Subject: Re: Problem running sim with IdealTrackFinder on Kronos  
Posted by [Tobias Stockmanns](#) on Thu, 06 Apr 2017 13:21:56 GMT  
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Hi Walter,

the problem is that the ideal track finder is not able to run with the PID task at the same time. I have no clue, why this is the case but you can fix your problem by separating them into two independent macros as it is done in /macro/master.

Cheers,

Tobias

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Subject: Re: Problem running sim with IdealTrackFinder on Kronos  
Posted by [Walter Ikegami Andersson](#) on Fri, 07 Apr 2017 13:56:41 GMT  
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Hello Tobias,

thank you for your response.

I created a modified script `jobsim_complete.sh` for submitting jobs to kronos where four macros are called (`prod_sim`, `prod_dig`, `prod_rec` and `prod_pid`).

I also modified the `digi`, `reco` and `pid` macro slightly as they would crash otherwise...

```
//fRun->Run(0, nEvents); //removed this line  
fRun->Run(0);
```

Cheers,

Walter

### File Attachments

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- 1) [jobsim\\_complete.sh](#), downloaded 466 times
  - 2) [prod\\_dig.C](#), downloaded 501 times
  - 3) [prod\\_rec.C](#), downloaded 541 times
  - 4) [prod\\_pid.C](#), downloaded 513 times
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