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Subject: Prolem reading UrQMD files

Posted by [Jens Sören Lange](#) on Fri, 07 Sep 2007 15:15:03 GMT

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Hi all,

I am trying to read UrQMD event generator files from /d/panda02/urqmd\_smm (generated by Aida) and run with run\_sim.C.

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```
CbmPrimaryGenerator* primGen = new CbmPrimaryGenerator();  
fRun->SetGenerator(primGen);
```

```
CbmUrqmdGenerator* urqmdGen = new CbmUrqmdGenerator("./pbarC_3_GeV.root");  
primGen->AddGenerator(urqmdGen);
```

---

but I get

```
**** GTRIGI: IEVENT= 1 IDEVT= 1 Random Seeds = 4357 0  
-E CbmUrqmdGenerator: Wrong event header  
-E CbmPrimaryGenerator: ReadEvent failed for generator  
StopRun() exiting not safely oopps !!!@ @ @!!!
```

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Additional observations:

a.) I also tried with other files (e.g. pbarAu\_4\_05\_GeV\_1.root), same effect.

b.) I can open the files with root and TBrowser and see that everything seems to be fine inside (except obviously the event header).

c.) filename is definitely correct (if I give the wrong filename, then I get a message "file not found"). So it means, the file is definitely opened.

Any idea?

Soeren

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Subject: Re: Prolem reading UrQMD files

Posted by [asanchez](#) on Fri, 07 Sep 2007 17:02:33 GMT

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hi Soeren have you tried to read the file with the whole path

and to use the CbmUrqmdSmmGenerator?

```
Tstring inFile = "/d/panda02/urqmd_smm/pbarC_3_GeV.root";
```

```
CbmUrqmdSmmGenerator* urqmdGen = new CbmUrqmdSmmGenerator(inFile);  
primGen->AddGenerator(urqmdGen);
```

At least for me, it is working like that.

best regards  
Alicia.

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Subject: Re: Prolem reading UrQMD files  
Posted by [Stefano Spataro](#) on Fri, 07 Sep 2007 17:35:26 GMT  
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Yes,  
PndUrqmdSmmGenerator is the correct generator for Aida files (in libPGen).  
CbmUrqmdGenerator is for the "standard" UrQmd output files, while we have a TParticle structure that can be browsed in ROOT.

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