
Subject: [FIXED] TransMap_Half.0406.root does not exist
Posted by [Jennifer Pütz](#) on Mon, 06 Jul 2015 12:09:01 GMT
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Hi everyone,

I tried to simulate 1000 events of pbar p -> Xi- + Xi+ with a beam momentum of 3 GeV/c using the standard sim_complete.C macro.
But the simulation breaks with the message

```
[INFO ] PndFieldMap: Reading field map from ROOT file
/private/puetz/fairsoft_mar15/pandaroot.trunk/input/TransMap_Half.0406.root
Error in <TFile::TFile>: file
/private/puetz/fairsoft_mar15/pandaroot.trunk/input/TransMap_Half.0406.root does not exist
[ERROR ] -E- PndFieldMap::ReadRootfile: Cannot read from file!
Fatal in <PndTransMap::ReadRootFile>: Cannot read from file
```

When I try to run the same number of events with a beam momentum of 2.99 GeV/c it works.
Is there a reason why the file does not exist?

I'm using:

FairSoft: Mar15
FairRoot: Master
PandaRoot: Trunk rev. 27984

Cheers

Jenny

File Attachments

-
- 1) [error_transmap_half.png](#), downloaded 443 times
-

File Edit View Bookmarks Settings Help
 EvtGen:Warning, sum of branching fractions for f_2 is 0.999
 EvtGen:rescaled to one!
 EvtGen:Warning, sum of branching fractions for chi_c1 is 0.996
 EvtGen:rescaled to one!
 EvtGen:Warning, sum of branching fractions for Upsilon(2S) is 0.992
 EvtGen:rescaled to one!
 EvtGen:Warning, sum of branching fractions for Upsilon(3S) is 0.999
 EvtGen:rescaled to one!
 EvtGen:Mixing type integer set to 1
 EvtGen:Done initializing EvtGen
 EvtGen:In readDecayFile, reading:/private/puetz/fairsoft_mar15/pandaroot/mysimulations/analysis/pbarp_Xip
 EvtGen:As requested, PHOTOS will be turned off.
 EvtGen:Redefined decay of Xi-
 EvtGen:Redefined decay of anti-Xi+
 EvtGen:Redefined decay of Lambda0
 EvtGen:Redefined decay of anti-Lambda0
 EvtGen:Given allowed decays, resetting minMass pbarpsystem 1.480 to 2.643
 ##### Generating with following conditions:
 incident 4-mom : (4.082, 0, 0, 3.000), m = 2.768
 #####
 [INFO] ===== FairRunSim: Initialising simulation run ======br/>
 Info in <TGeoManager::TGeoManager>: Geometry FAIRGeom, FAIR geometry created
 [INFO] FairGeoMedia: Read media
 -I container name PndEmcDigiPar
 -I container name PndEmcDigiNonuniformityPar

 initialisation for run id 1436183335

 -I FairRunTimeDB::InitContainer() PndEmcGeoPar
 [ERROR] init() PndEmcGeoPar not initialized
 -I FairRunTimeDB::InitContainer() PndSensorNamePar
 [ERROR] init() PndSensorNamePar not initialized
 -I FairRunTimeDB::InitContainer() PndEmcDigiPar
 PndEmcDigiPar initialized from Ascii file
 -I FairRunTimeDB::InitContainer() PndEmcDigiNonuniformityPar
 [ERROR] init() PndEmcDigiNonuniformityPar not initialized
 Error in <FairRuntimeDb::initContainers():>: Error occurred during initialization
 [INFO] PndFieldMap: Reading field map from ROOT file /private/puetz/fairsoft_mar15/pandaroot.trunk/in
 Error in <TFile::TFile>: file /private/puetz/fairsoft_mar15/pandaroot.trunk/input/TransMap_Half.0406.root
 [ERROR] -E- PndFieldMap::ReadRootfile: Cannot read from file!
 Fatal in <PndTransMap::ReadRootFile>: Cannot read from file
 aborting
#0 0x00007f1933b41a5c in waitpid () from /lib64/libc.so.6
#1 0x00007f1933acc1fb in do_system () from /lib64/libc.so.6
#2 0x00007f19348ebac2 in TUnixSystem::Exec (this=0x26083b0, shellcmd=0x3bd72c0 "/private/puetz/fairsoft_...
m.cxx:2172
#3 0x00007f19348ec32b in TUnixSystem::StackTrace (this=0x26083b0) at /private/puetz/fairsoft_mar15/tools
#4 0x00007f193483df1 in DefaultErrorHandler (level=6000, abort_bool=true, location=0x7f19352c3858 "PndT
192
#5 0x00007f193483e2e3 in ErrorHandler(Int_t, const char *, const char *, typedef __va_list_tag __va_list
848) at /private/puetz/fairsoft_mar15/tools/root/core/base/src/TError.cxx:247
#6 0x00007f19347db245 in TObject::DoError (this=0x3a6d440, level=6000, location=0x7f1920b09649 "ReadRoot
ect.cxx:869
#7 0x00007f19347db663 in TObject::Fatal (this=0x3a6d440, location=0x7f1920b09649 "ReadRootFile", fmt=0x7
#8 0x00007f1920abf990 in PndFieldMap::ReadRootFile (this=0x3a6d440, fileName=0x3ab0aa0 "/private/puetz/f
15/pandaroot.trunk/field/PndFieldMap.cxx:547
#9 0x00007f1920abcaa3 in PndFieldMap::Init (this=0x3a6d440) at /private/puetz/fairsoft_mar15/pandaroot.t
#10 0x00007f1920acb9eb in PndMultiField::Init (this=0x3aac6f0) at /private/puetz/fairsoft_mar15/pandaroot
#11 0x00007f192af6dc8 in FairRunSim::Init (this=0x33b79c0) at /private/puetz/fairsoft_mar15/FairRoot.M
#12 0x00007f192afdd6f5 in G__BaseDict_785_0_5 (result7=0xffff72f6cab0, funcname=<optimized out>, libp
#13 0x00007f19331ea242 in Cint::G__ExceptionWrapper (funcp=0x7f192afdd6e0 <G__BaseDict_785_0_5(G__value
cxx:393
#14 0x00007f19331ed640 in G__execute_call (result7=0xffff72f6cab0, libp=0xffff72f6caf0, ifunc=0x33aff50,
#15 0x00007f19331edfe6 in G__call_cppfunc (result7=0xffff72f6cab0, libp=0xffff72f6caf0, ifunc=0x33aff50,
#16 0x00007f19331bc0d0 in G__interpret_func (result7=0xffff72f6cab0, funcname=0x2daeb50 "Init", libp=0x7f
#17 0x00007f193328ba0 in G__getfunction (item=0x2629d16 "Init()", known3=0xffff72f78594, memfunc_flag=1)
#18 0x00007f19331a0a01 in G__getstructmem (store_var_type=112, varname=..., membername=0x2629d16 "Init()"
int/src/var.cxx:6821
#19 0x00007f193319123c in G__getvariable (item=0x2629d10 "fRun->Init()", known=0xffff72f78594, varglobal=
#20 0x00007f193311ff10 in G__getitem (item=0x2629d10 "fRun->Init()") at cint/cint/src/expr.cxx:1906
#21 0x00007f193311d681 in G__getexpr (expression=0x26450f0 "fRun->Init()") at cint/cint/src/expr.cxx:1488
#22 0x00007f19331c7d80 in G__exec_function (statement=..., pc=0xffff72f7ae8c, piout=0xffff72f7ae88, plarg

test : bash



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test :