
Subject: Re: Field maps in Macros
Posted by [asanchez](#) on Thu, 03 Dec 2009 16:33:52 GMT
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Dear Mohammad,
i have to use PndConstfield
since i have to adapt the magnetic field value to
low momenta particle.

after the modifications of PndMultifield, the setting of PndConstField
does not work anymore.

please run at macro/hyp

sim_pid.C
hit_pid.C

If i have missed something, please let me know
how to proceed properly,

thanks in advance
ALicia.

error message:

```
root -l hit_pid.C >test.txt
Warning in <TClassTable::Add>: class PndSttTrack already in TClassTable
Warning in <TClassTable::Add>: class PndMvdPixel already in TClassTable
Warning in <TClassTable::Add>: class PndMvdStrip already in TClassTable
Warning in <TClassTable::Add>: class PndMvdMCPoint already in TClassTable
Warning in <TClassTable::Add>: class PndMvdDigi already in TClassTable
Warning in <TClassTable::Add>: class PndMvdDigiPixel already in TClassTable
Warning in <TClassTable::Add>: class PndMvdApvHit already in TClassTable
Warning in <TClassTable::Add>: class PndMvdPidCand already in TClassTable
Warning in <TClassTable::Add>: class PndStringVector already in TClassTable
Info in <TGeoManager::TGeoManager>: Geometry Geometry, default geometry created
Warning in <TGeoManager::Init>: Deleting previous geometry: Geometry/default geometry
Info in <TGeoManager::CloseGeometry>: Geometry loaded from file...
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is cave
Info in <TGeoManager::Voxelize>: Voxelizing...
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
Info in <TGeoManager::CloseGeometry>: 247 nodes/ 247 volume UID's in FAIR geometry
Info in <TGeoManager::CloseGeometry>: -----modeler ready-----
```

```
*** Break *** segmentation violation
Generating stack trace...
0x00007f306a0dc95e in PndFieldCreator::createFairField() at
/home/lorente/work/trunk/field/PndFieldCreator.cxx:89 from
/home/lorente/work/build/lib/libField.so
0x00007f306ade1f6d in FairRunAna::Init() at
/home/lorente/work/trunk/base/FairRunAna.cxx:200 from
/home/lorente/work/build/lib/libBase.so
```

0x00007f306ae17e2a in <unknown> from /home/lorente/work/build/lib/libBase.so
0x00007f3075570d0f in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,
G__param*, int), G__value*, char*, G__param*, int) + 0x3f from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f3075624e60 in G__execute_call + 0x60 from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f3075625d86 in G__call_cppfunc + 0x1f6 from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f3075604404 in G__interpret_func + 0x4b44 from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f30755f0e02 in G__getfunction + 0x28a2 from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f30756ced44 in G__getstructmem + 0x344 from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f30756c8a24 in G__getvariable + 0x42b4 from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f30755c3b1f in G__getitem + 0x8f from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f30755c98df in G__getexpr + 0x46cf from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f3075654857 in G__exec_statement + 0xbdf7 from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f30755b0729 in <unknown> from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f30755b09bb in G__exec_tempfile + 0xb from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f307565f29f in G__process_cmd + 0x5f0f from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCint.so.5.24
0x00007f30763bd1b5 in TCint::ProcessLine(char const*, TInterpreter::EErrorCode*) + 0x3f5
from /local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCore.so.5.24
0x00007f30763b91f3 in TCint::ProcessLineSynch(char const*, TInterpreter::EErrorCode*) +
0xf3 from /local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCore.so.5.24
0x00007f30762f26df in TApplication::ExecuteFile(char const*, int*, bool) + 0x76f from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCore.so.5.24
0x00007f30762f1205 in TApplication::ProcessLine(char const*, bool, int*) + 0x745 from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libCore.so.5.24
0x00007f3074f08403 in TRint::Run(bool) + 0x1a3 from
/local/raid0/panda/gentoo-64/jul09/tools/root/lib/libRint.so.5.24
0x00000000004011cd in main + 0x4d from
/local/raid0/panda/gentoo-64/jul09/tools/root/bin/root.exe
0x00007f3073ff85c6 in __libc_start_main + 0xe6 from /lib/libc.so.6
0x00000000004010b9 in __gxx_personality_v0 + 0x71 from
/local/raid0/panda/gentoo-64/jul09/tools/root/bin/root.exe
