

Thanks,

it solved the problem with the libgeant4vmc.so library, but again when I run the runMvdSim.C macro I see the same problem as Tobias seen (with the geant4\_vmc\_2.3), namely:

### Run 0 start.

-I CbmPrimaryGenerator: 10 primary tracks from vertex (0, 0, 0)

>>> Event 0

\*\*\* Break \*\*\* floating point exception

Using host libthread\_db library "/lib/tls/libthread\_db.so.1".

Attaching to program: /proc/10638/exe, process 10638

`system-supplied DSO at 0xffffe000' has disappeared; keeping its symbols.

[Thread debugging using libthread\_db enabled]

[New Thread 1089003968 (LWP 10638)]

0xffffe410 in \_\_kernel\_vsyscall ()

#1 0x40dc70a3 in \_\_waitpid\_nocancel () from /lib/tls/libc.so.6

#2 0x40d6fcb9 in do\_system () from /lib/tls/libc.so.6

#3 0x40d347ad in system () from /lib/tls/libpthread.so.0

#4 0x401cb02c in TUnixSystem::Exec () from

/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16

#5 0x401d2b24 in TUnixSystem::StackTrace () from

/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16

#6 0x401d1374 in TUnixSystem::DispatchSignals () from

/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16

#7 0x401d14b9 in SigHandler () from

/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16

#8 0x401cbda1 in sighandler () from

/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16

#9 <signal handler called>

#10 0x480ea8c2 in TG4VSpecialCuts::PostStepGetPhysicalInteractionLength ()

from /home/sokolov/fairroot/cbmsoft/transport/geant4\_vmc/lib/tgt\_linux/libgeant4vmc.so

#11 0x4728e180 in G4VProcess::PostStepGPIL (this=0x9e66f80, track=@0xa5b65b8, previousStepSize=0, condition=0x9c058e0)

at G4VProcess.hh:429

#12 0x4728b21c in G4SteppingManager::DefinePhysicalStepLength (this=0x9c057e0) at G4SteppingManager2.cc:165

#13 0x47285cf1 in G4SteppingManager::Stepping (this=0x9c057e0) at G4SteppingManager.cc:180

#14 0x472992fe in G4TrackingManager::ProcessOneTrack (this=0x9c057b8, apValueG4Track=0xa5b65b8) at G4TrackingManager.cc:126

#15 0x4736fc1b in G4EventManager::DoProcessing (this=0x9c05770, anEvent=0x9c125d8) at G4EventManager.cc:185

#16 0x473703fd in G4EventManager::ProcessOneEvent (this=0x9c05770, anEvent=0x9c125d8) at G4EventManager.cc:335

#17 0x47433d34 in G4RunManager::DoEventLoop (this=0x9c056b0, n\_event=10000, macroFile=0x0, n\_select=-1)

at G4RunManager.cc:234

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#18 0x47431146 in G4RunManager::BeamOn (this=0x9c056b0, n_event=10000,
macroFile=0x0, n_select=-1) at G4RunManager.cc:139
#19 0x4812b665 in TG4RunManager::ProcessRun ()
    from /home/sokolov/fairroot/cbmsoft/transport/geant4_vmc/lib/tgt_linux/libgea nt4vmc.so
#20 0x4812fe93 in TGeant4::ProcessRun ()
    from /home/sokolov/fairroot/cbmsoft/transport/geant4_vmc/lib/tgt_linux/libgea nt4vmc.so
#21 0x44941f95 in CbmMCApplication::RunMC (this=0x8586ad0, nofEvents=10000)
    at /home/sokolov/fairroot/cbmsoft/pandaroot/base/CbmMCApplication.cxx:193
#22 0x44955379 in CbmRunSim::Run (this=0x85247e0, NStart=10000, NStop=0)
    at /home/sokolov/fairroot/cbmsoft/pandaroot/base/CbmRunSim.cxx:141
#23 0x449755df in G__CbmDict_519_0_5 (result7=0xbfd7b17c, funcname=0x85233b0 "\001",
libp=0xbfd74dd8, hash=0)
    at /home/sokolov/fairroot/cbmsoft/cbuild/base/CbmDict.cxx:8229
#24 0x4068b9e9 in Cint::G__ExceptionWrapper () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#25 0x40745fb2 in G__call_cppfunc () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#26 0x40729463 in G__interpret_func () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#27 0x40719d49 in G__getfunction () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#28 0x407d4d6b in G__getstructmem () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#29 0x407ccfe7 in G__getvariable () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#30 0x406f97cb in G__getitem () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#31 0x406fabee in G__getexpr () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#32 0x4076a6eb in G__exec_function () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#33 0x4076f934 in G__exec_statement () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#34 0x406e540b in G__exec_tempfile_core () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#35 0x406e5694 in G__exec_tempfile () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#36 0x4077c39e in G__process_cmd () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCint.so.5.16
#37 0x401a55be in TCint::ProcessLine () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16
#38 0x401a2242 in TCint::ProcessLineSynch () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16
#39 0x40119930 in TApplication::ProcessFile () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16
#40 0x40117f64 in TApplication::ProcessLine () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16
#41 0x40bd21a5 in TRint::HandleTermInput () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libRint.so.5.16
#42 0x40bd17b4 in TTermInputHandler::Notify () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libRint.so.5.16
#43 0x40bd3942 in TTermInputHandler::ReadNotify () from

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/home/sokolov/fairroot/cbmsoft/tools/root/lib/libRint.so.5.16
#44 0x401d163e in TUnixSystem::CheckDescriptors () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16
#45 0x401d1d70 in TUnixSystem::DispatchOneEvent () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16
#46 0x40169a5c in TSystem::InnerLoop () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16
#47 0x401699ec in TSystem::Run () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16
#48 0x40116db4 in TApplication::Run () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libCore.so.5.16
#49 0x40bd2948 in TRint::Run () from
/home/sokolov/fairroot/cbmsoft/tools/root/lib/libRint.so.5.16
#50 0x08048d93 in main ()
Root >
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Best regards,

Andrey

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