
Subject: Re: Propagate Functions in PndAnalysis
Posted by [Andreas Pitka](#) on Fri, 03 May 2013 06:36:54 GMT
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Actually i am more interested in the PropagateToPoint (TCandidate *cand, TVector3 *mypoint) function to get the momenta of pions from a K short decay at the correct point, but there the error is exactly the same.

The full backtrace is:

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There was a crash (#7 0xb721c65b in SigHandler(ESignals) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34).
This is the entire stack trace of all threads:
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#0 0xb77ae424 in __kernel_vsyscall ()
#1 0xb6dcc9e3 in __waitpid_nocancel () at ../sysdeps/unix/syscall-template.S:82
#2 0xb6d53ff3 in do_system (line=0xffe9258
"/home/pitka/uni/fairroot/apr13_src/./apr13/etc/gdb-backtrace.sh 2442 1>&2") at
../sysdeps/posix/system.c:149
#3 0xb6ecce2b in system (line=0xffe9258
"/home/pitka/uni/fairroot/apr13_src/./apr13/etc/gdb-backtrace.sh 2442 1>&2") at
pt-system.c:29
#4 0xb721575b in TUnixSystem::Exec(char const*) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#5 0xb7219a40 in TUnixSystem::StackTrace() () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#6 0xb721c547 in TUnixSystem::DispatchSignals(ESignals) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#7 0xb721c65b in SigHandler(ESignals) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#8 0xb7213832 in sighandler(int) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#9 0xb7246aa5 in textinput::TerminalConfigUnix::HandleSignal(int) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#10 0xb7246ae4 in (anonymous namespace)::TerminalConfigUnix__handleSignal(int) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#11 <signal handler called>
#12 0xb0bbef47 in FairGeanePro::FairGeanePro (this=0xffe8f90) at
/home/pitka/uni/Pandaroot/Rev19237/geane/FairGeanePro.cxx:51
#13 0xaff662f7 in PndAnalysis::Propagator (this=0xff29f08, mode=1, tStart=..., cand=0xffcfee0,
mypoint=0xffe8b10, skipcov=false) at
/home/pitka/uni/Pandaroot/Rev19237/PndTools/AnalysisTools/PndAnalysis.cx x:481
#14 0xaff65c0c in PndAnalysis::PropagateToPoint (this=0xff29f08, cand=0xffcfee0,
mypoint=0xffe8b10) at
/home/pitka/uni/Pandaroot/Rev19237/PndTools/AnalysisTools/PndAnalysis.cx x:420
#15 0xafff16b9 in G__AnalysisToolsDict_898_0_11 (result7=0xbffe7158, funcname=0xff28560
"", libp=0xbffdcb14, hash=0) at
/home/pitka/uni/Pandaroot/Rev19237/build/PndTools/AnalysisTools/Analysis
ToolsDict.cxx:7283
#16 0xb675a50c in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*, G__param*,
int), G__value*, char*, G__param*, int) () from
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/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#17 0xb680b969 in G__execute_call () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#18 0xb680bd2c in G__call_cppfunc () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#19 0xb67e882f in G__interpret_func () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#20 0xb67d6562 in G__getfunction () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#21 0xb68d0291 in G__getstructmem(int, G__FastAllocString&, char*, int, char*, int*,
G__var_array*, int) () from /home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#22 0xb68c84b3 in G__getvariable () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#23 0xb67ac98a in G__getitem () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#24 0xb67b3d38 in G__getexpr () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#25 0xb6840e38 in G__exec_statement () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#26 0xb684964a in G__exec_loop(char const*, char*, std::list<G__FastAllocString,
std::allocator<G__FastAllocString> > const&) [clone .constprop.69] () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#27 0xb6846716 in G__exec_statement () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#28 0xb684964a in G__exec_loop(char const*, char*, std::list<G__FastAllocString,
std::allocator<G__FastAllocString> > const&) [clone .constprop.69] () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#29 0xb6841d6e in G__exec_statement () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#30 0xb67e9cc9 in G__interpret_func () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#31 0xb67d65d8 in G__getfunction () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#32 0xb67ad215 in G__getitem () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#33 0xb67b3d38 in G__getexpr () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#34 0xb67bfd23 in G__calc_internal () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#35 0xb68507c4 in G__process_cmd () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCint.so.5.34
#36 0xb71e071a in TCint::ProcessLine(char const*, TInterpreter::EErrorCode*) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#37 0xb71d604f in TCint::ProcessLineSynch(char const*, TInterpreter::EErrorCode*) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#38 0xb7133d97 in TApplication::ExecuteFile(char const*, int*, bool) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#39 0xb713416c in TApplication::ProcessFile(char const*, int*, bool) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#40 0xb71328ff in TApplication::ProcessLine(char const*, bool, int*) () from
/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libCore.so.5.34
#41 0xb7004b1f in TRint::Run(bool) () from

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/home/pitka/uni/fairroot/apr13_src/./apr13/lib/root/libRint.so.5.34

#42 0x08048c8f in main ()

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