Subject: Crash in reco macro: "PndSttMvdTracking, nMvdPixelHitsinTrack[4] is 58and it is > nmaxMvdPix
Posted by MartinJGaluska on Thu, 14 Jun 2012 13:35:33 GMT
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Hello,

I have just encountered this problem (see spoiler) while running a simulation of X(3872) -> J/\psi \pi^+ \pi^- with the corrected VVpipi decay model on PandaRoot revision 15615 (Scientific Linux CERN SLC release 5.5 (Boron), 64 bit, fairroot: jan12, root session called with "root -q run_reco_sttcombi.C &> logreco2.log" in a screen session). I have previously run the same simulation with the same version of PandaRoot and have not seen this problem.

I have restarted the macro in order to see if the problem reoccurs.

Toggle Spoiler
from PndSttMvdTracking, nMvdPixelHitsinTrack[4] is 58and it is > nmaxMvdPixelHitsInTrack (30); setting nMvdPixelHitsinTrack[ncand] to 30

*** Break *** segmentation violation

==========
There was a crash.
This is the entire stack trace of all threads:
==========
#0 0x000000300409a115 in waitpid () from /lib64/libc.so.6
#1 0x000000300403c481 in do_system () from /lib64/libc.so.6
#2 0x00002b78e8391902 in TUnixSystem::StackTrace() ()
from /home/panda/fairsoft/jan12/tools/root/lib/libCore.so.5.32
#3 0x00002b78e838e79a in TUnixSystem::DispatchSignals(ESignals) ()
from /home/panda/fairsoft/jan12/tools/root/lib/libCore.so.5.32
#4 <signal handler called>
#5 0x00002b78f6539a25 in
PndSttMvdTracking::OrderingConformal_Loading_ListTrackCandHit (this=0x2b78fa9ad010, keepit=0x7fff8a38c270, ncand=2,
info=0x7fff8a324990, Ox=0x7fff8a386560, Oy=0x7fff8a385f20,
Rr=0x3300000041, Trajectory_Start=0x58e000002b78, CHARGE=0x7fff0000e710,
SchosenSkew=0x7fff89e2f110)
at /home/panda/pandaroot_sep12/trunk/sttmvdtracking/PndSttMvdTracking.cxx:1 2853
#6 0x0000003500000029 in ?? ()
#7 0x0000003300000041 in ?? ()
#8 0x000058e000002b78 in ?? ()
#9 0x00007fff0000e710 in ?? ()
#10 0x00007fff89e2f110 in ?? ()
#11 0x00650006004a0000 in ?? ()
#12 0x00007fff8a386560 in ?? ()
#13 0x00007fff8a324990 in ?? ()
#14 0x4057000034aa0006 in ?? ()
#15 0x00007fff8a38c270 in ?? ()

#16 0x00002b78fa9ad010 in ?? ()
#17 0xc04d896a3d8a5307 in ?? ()
#18 0x000299999999999a in ?? ()
#19 0x00007fff8a38d770 in ?? ()
#20 0x00002b78f6566946 in PndSttMvdTracking::Exec (this=Cannot access memory at address 0x1dff907764
    at   /home/panda/pandaroot_sep12/trunk/sttmvdtracking/PndSttMvdTracking.cxx:2 625
==========

The lines below might hint at the cause of the crash.
If they do not help you then please submit a bug report at
http://root.cern.ch/bugs. Please post the ENTIRE stack trace
from above as an attachment in addition to anything else
that might help us fixing this issue.
==========
#5 0x00002b78f6539a25 in PndSttMvdTracking::OrderingConformal_Loading_ListTrackCandHit (this=0x2b78fa9ad010, keepit=0x7fff8a38c270, ncand=2,
    info=0x7fff8a324990, Ox=0x7fff8a386560, Oy=0x7fff8a385f20,
    Rr=0x3300000041, Trajectory_Start=0x58e000002b78, CHARGE=0x7fff0000e710,
    SchosenSkew=0x7fff89e2f110)
    at   /home/panda/pandaroot_sep12/trunk/sttmvdtracking/PndSttMvdTracking.cxx:1 2853
#6 0x0000003500000029 in ?? ()
#7 0x0000003300000041 in ?? ()
#8 0x000058e000002b78 in ?? ()
#9 0x00007fff0000e710 in ?? ()
#10 0x00007fff89e2f110 in ?? ()
#11 0x00650006004a0000 in ?? ()
#12 0x00007fff8a386560 in ?? ()
#13 0x00007fff8a324990 in ?? ()
#14 0x4057000034aa0006 in ?? ()
#15 0x00007fff8a38c270 in ?? ()
#16 0x00002b78fa9ad010 in ?? ()
#17 0xc04d896a3d8a5307 in ?? ()
#18 0x000299999999999a in ?? ()
#19 0x00007fff8a38d770 in ?? ()
#20 0x00002b78f6566946 in PndSttMvdTracking::Exec (this=Cannot access memory at address 0x1dff907764
    at   /home/panda/pandaroot_sep12/trunk/sttmvdtracking/PndSttMvdTracking.cxx:2 625
==========