
Subject: Re: TpcRiemannTrackingTask - ideal PID now working - please rerun reconstruction

Posted by [Elisa Fioravanti](#) on Tue, 02 Aug 2011 09:21:29 GMT

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Hello,

I have update pandaroot, and I have run the simulation ofr pi+pi- analysis using the macro in /macro/run/tdrct/npipi

I comment out the line

```
tpcSPR->SetMCPid(); // use ideal particle identification
```

in the reco macro.

But unfortunately I have this crash:

```
===== PndPidCorrelator - Event: 822 - Number of tracks for pid 1 - Number of EMC Cluster for pid 27
```

```
-W- PndPidCorrelator::GetTrackInfo :: Failed backward propagation
```

```
*** Break *** floating point exception
```

```
Generating stack trace...
```

```
0x06136b40 in PndPidCandidate::PndPidCandidate(PndPidCandidate const&) at /home/fioravanti/fairsoft/pandaroot/pid/PidData/PndPidCandidate.h:31 from /home/fioravanti/fairsoft/buildPanda/lib/libPid.so
```

```
0x0612bfd2 in PndPidCorrelator::AddNeutralCandidate(PndPidCandidate*) at /home/fioravanti/fairsoft/pandaroot/pid/PidCorr/PndPidCorrelator.cxx:119 7 from /home/fioravanti/fairsoft/buildPanda/lib/libPid.so
```

```
0x061300a0 in PndPidCorrelator::ConstructNeutralCandidate() at /home/fioravanti/fairsoft/pandaroot/pid/PidCorr/PndPidCorrelator.cxx:663 from /home/fioravanti/fairsoft/buildPanda/lib/libPid.so
```

```
0x0613137e in PndPidCorrelator::Exec(char const*) at /home/fioravanti/fairsoft/pandaroot/pid/PidCorr/PndPidCorrelator.cxx:540 from /home/fioravanti/fairsoft/buildPanda/lib/libPid.so
```

```
0x0027e9e8 in TTask::ExecuteTasks(char const*) + 0x108 from /home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
```

```
0x0027e3d9 in TTask::ExecuteTask(char const*) + 0x159 from /home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
```

```
0x02a61d23 in FairRunAna::Run(int, int) at /home/fioravanti/fairsoft/pandaroot/base/FairRunAna.cxx:354 from /home/fioravanti/fairsoft/buildPanda/lib/libBase.so
```

```
0x02ac3a38 in <unknown> from /home/fioravanti/fairsoft/buildPanda/lib/libBase.so
```

```
0x00c45d7a in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*, G__param*, int), G__value*, char*, G__param*, int) + 0x6a from /home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
```

```
0x00d00786 in G__execute_call + 0x56 from /home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
```

```
0x00d04d3d in G__call_cppfunc + 0x26d from /home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
```

```
0x00cd7628 in G__interpret_func + 0x1458 from /home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
```

```
0x00cc4cf8 in G__getfunction at func.cxx:0 from /home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
```

```
0x00dc591c in G__getstructmem(int, G__FastAllocString&, char*, int, char*, int*,
```

G__var_array*, int) + 0x5fc from /home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00dbb708 in G__getvariable at var.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c98f41 in G__getitem at expr.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00ca29a9 in G__getexpr at expr.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00d3638f in G__exec_statement at parse.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c8378b in <unknown> from /home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c83ac6 in G__exec_tempfile + 0x16 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00d47c26 in G__process_cmd at pause.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x002bb6d3 in TCint::ProcessLine(char const*, TInterpreter::EErrorCode*) + 0x3c3 from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x002bb2ef in TCint::ProcessLineSynch(char const*, TInterpreter::EErrorCode*) + 0x9f from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x002046c2 in TApplication::ExecuteFile(char const*, int*, bool) + 0x752 from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x00204c5c in TApplication::ProcessFile(char const*, int*, bool) + 0x2c from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x002015eb in TApplication::ProcessLine(char const*, bool, int*) + 0x86b from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x00a5b8c4 in TRint::Run(bool) + 0x2e4 from
/home/fioravanti/fairsoft/tools/root/lib/libRint.so.5.29
0x08048d93 in main + 0x83 from /home/fioravanti/fairsoft/tools/root/bin/root.exe
0x01204e9c in __libc_start_main + 0xdc from /lib/libc.so.6
0x08048bf1 in __gxx_personality_v0 + 0x65 from
/home/fioravanti/fairsoft/tools/root/bin/root.exe
Root >

Thanks,
Elisa
