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Subject: Re: Momentum dependence in tutorial/lhetrack  
Posted by [StefanoSpataro](#) on Wed, 06 May 2009 10:06:41 GMT  
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I can see that with 15 GeV the digitization is running but then you have a crash at the second event:

Toggle Spoiler

```
***** PndEmcMakeBump, event: 2 *****
Digi at (67, 37) was a local max. Energy = 1.92928
Digi at (361, 351) was a local max. Energy = 1.6729
Digi at (449, 449) was a local max. Energy = 0.797061
Digi at (447, 448) was a local max. Energy = 0.102114
EMC header: fired crystals= 132, digi= 78, Total energy= 7.1429 [GeV], Reconstructed
clusters= 10, Total energy in clusters= 7.06889 [GeV]
-I- PndTofHitProducerIdeal: 0 TofPoints, 0 Hits created.
-I- PndTofHitProducerIdeal: 0 SciFTofPoints, 0 sciF Hits created.
PndTpcClusterizer:: 61 clusters created
106 electrons arriving at readout
Aggregating drifted electrons into avalanches finished.
106 Avalanches created
0 aggregations done.
177 Signals created
PndTpcElectronicsTask::Exec
Building up padmap ...finished. 8 pads hit

*** Break *** floating point exception
Attaching to program: /proc/10011/exe, process 10011
[Thread debugging using libthread_db enabled]
[New Thread 0xb6cde6c0 (LWP 10011)]
0xb7f97410 in __kernel_vsyscall ()
error detected on stdin
The program is running. Quit anyway (and detach it)? (y or n) [answered Y; input not from
terminal]
Detaching from program: /proc/10011/exe, process 10011
Root > Function My_dvcs_full_digi() busy flag cleared
```

Could you please run some debug script? Just type

```
gdb root.exe
then press "r", and execute your macro ".x run_digi_tpccombi.C ".
Once the error appears, type "bt" and then copy the whole output ("q" to quit).
In this way we can check what is going wrong in the code.
```