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Subject: [FIXED] Square root of negative number in PndRiemannTrack::dY ?

Posted by [Andreas Pitka](#) on Fri, 01 Mar 2013 14:31:16 GMT

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Hi,

in the newest trunk (rev 18715) i got quite often the following error message:

```
#10 0xb6528df7 in TMath::Sqrt(double) () from
/home/pitka/uni/fairroot/sep12_src/./sep12/lib/root/libMathCore.so
#11 0xb235233d in PndRiemannTrack::dY (this=0xbfc690d0) at
/home/pitka/uni/Pandaroot/trunk/PndTools/riemannfit/PndRiemannTrack.h:57
#12 0xb1ab7c34 in PndMvdRiemannTrackFinder::FindTracks (this=0xbfc69ce8) at
/home/pitka/uni/Pandaroot/trunk/mvd/MvdTracking/PndMvdRiemannTrackFinder .cxx:225
#13 0xb1ab1b9a in PndMvdRiemannTrackFinderTask::Exec (this=0x90c17d8,
opt=0xb343f7a0 "") at
/home/pitka/uni/Pandaroot/trunk/mvd/MvdTracking/PndMvdRiemannTrackFinder Task.cxx:143
#14 0xb7176041 in TTask::ExecuteTasks(char const*) () from
/home/pitka/uni/fairroot/sep12_src/./sep12/lib/root/libCore.so.5.34
#15 0xb717668d in TTask::ExecuteTask(char const*) () from
/home/pitka/uni/fairroot/sep12_src/./sep12/lib/root/libCore.so.5.34
#16 0xb3367575 in FairRunAna::Run (this=0x8a8c1d0, Ev_start=0, Ev_end=100) at
/home/pitka/uni/Pandaroot/trunk/base/FairRunAna.cxx:54
```

Looks for me like in the PndRiemannTrack::dY function is happening a square root of a (numerically) negative number.

Best regards

Andreas

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