
Subject: Re: Update Notes

Posted by [Simon Reiter](#) on Wed, 07 Aug 2013 21:20:42 GMT

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Hi Klaus,

I tried it another time to rewrite. This time I didn't used
theAnalysis->McTruthMatch(piplus[piplus]).

I followed your script part and wrote:

```
if (piplus[piplus]->GetMcTruth()){  
    RhoCandidate* motherId = piplus[piplus]->GetMcTruth()->TheMother();  
    if(motherId && motherId->PdgCode()==88888) { ... }  
}
```

But I'm getting an error for TheMother:

```
#0 0x00007fa22815844e in waitpid () from /lib/x86_64-linux-gnu/libc.so.6  
#1 0x00007fa2280de29e in ?? () from /lib/x86_64-linux-gnu/libc.so.6  
#2 0x00007fa229031407 in TUnixSystem::StackTrace() () from  
/home/panda/fairsoft/sep12build/lib/root/libCore.so.5.34  
#3 0x00007fa229033ce3 in TUnixSystem::DispatchSignals(ESignals) () from  
/home/panda/fairsoft/sep12build/lib/root/libCore.so.5.34  
#4 <signal handler called>  
#5 0x00007fa215bb0a60 in RhoCandidate::TheMother (this=0x8011) at  
/home/panda/pandaroot/trunk/rho/RhoBase/RhoCandidate.h:267  
#6 0x00007fa215b5c808 in G__G__RhoDict_321_0_68 (result7=0x176e9a0,  
funcname=0x281 <Address 0x281 out of bounds>, libp=0x7fff6c89f730, hash=-85) at  
/home/panda/pandaroot/trunkbuild/rho/G__RhoDict.cxx:7519  
#7 0x00007fa22730d9ab in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,  
G__param*, int), G__value*, char*, G__param*, int) () from  
/home/panda/fairsoft/sep12build/lib/root/libCint.so.5.34  
#8 0x00007fa2273202de in G__exec_asm () from  
/home/panda/fairsoft/sep12build/lib/root/libCint.so.5.34  
#9 0x00007fa2273ec4ff in G__exec_loop(char const*, char*, std::list<G__FastAllocString,  
std::allocator<G__FastAllocString> > const&) [clone .constprop.69] () from  
/home/panda/fairsoft/sep12build/lib/root/libCint.so.5.34  
#10  
....
```

Why can't PandaRoot get the mother candidate after it is checked, that the mctruth candidate
is available?

This even happend not in the 1st event!

Best regards

Simon
