
Subject: Re: How to abort secondaries

Posted by [asanchez](#) on Tue, 08 May 2012 08:50:58 GMT

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Dear Maria and Stefano,
Probably you can use the same thing I use to kill secondaries.

Add the function PreTrack() to your detector class before ProcessHits

```
void PndDrc::PreTrack(){  
  
    // Begin of the event  
  
    fTrackKillSecondary=kFALSE;  
  
    //member function, it should be before declared in the detector header file.  
  
    // cout << " PndDrc::PreTrack() "<< endl;  
  
}
```

In the beginning of ProcessHits,
then stop the track of being tracked by doing `gMC->StopTrack()`;
if `FTrackKillSecondary` is true.

```
if(fTrackKillSecondary) {  
    gMC->StopTrack();  
    return kTRUE;  
}
```

Inside ProcessHits after you have stored your primaries,
do `fTrackKillSecondary=kTRUE`, if you have a secondary or `CurrentParentTrack` is not -1.

I hope it helps,

cheers
Alicia.