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.