
Subject: PID information

Posted by [Daniel Wielanek](#) on Mon, 29 May 2017 14:22:54 GMT

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Dear "FairROOTers"

Can somebody explain me what really mean "MotherID", or how to get mother PID?

I was trying to get PDG code of parent by something like this:

```
FairMCTrack *parent = (FairMCTrack*)mc_tracks->UncheckedAt(daughter->GetMotherId());  
parent->GetPdgCode();
```

But when I looked at histograms I noticed that e.g. pion parent is particle with pid 211 - also pion, what is rather strange. This exist in Geant3/Geant4 setup. Is it a bug or "parent" is also particle that e.g. collided with this track?
