
Subject: Vertex Information

Posted by [Tobias Stockmanns](#) on Thu, 09 Apr 2009 07:18:19 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi pandaRooters,

is there a class where to store the information of a vertex fit?

I wish you all "Happy Easter" and some relaxing days

Tobias

Subject: Re: Vertex Information

Posted by [asanchez](#) on Thu, 09 Apr 2009 08:30:08 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Tobias,

i'm not sure

but maybe you can use the TCandidate or MicroCandidates to save the vertex information,

i have found some information looking into macro/fsim/ana_Lambda_fit2.C

Maybe one can use it.

best regards

Alicia S.

```
TCandListIterator iterP(ppiCands);
225     while (tc=iterP.Next())
226     {
227         ppimass->Fill(tc->Mass());
228         PndVtxFitter vtxf(*tc);
229         vtxf.Fit();
230         TCandidate *fitted=vtxf.FittedCand(*tc);
231         cout <<"unfitted="<<(*tc)<<endl;
232         if (fitted)
233         {
234             double d=fitted->Pos().Mag();
235             //if (d==0) continue;
236             cout <<"fitted = "<<(*fitted)<<endl;
237             ppi2mass->Fill(fitted->Mass());
238             hvtx->Fill(fitted->Pos().,fitted->Pos().Y());
239             hvtx2->Fill(fitted->Pos().,fitted->Pos().Z());
240             hdist->Fill(fitted->Pos().Mag());
241         }
242     }
243 }
```
