Subject: vertex fitting
Posted by Alexandros on Mon, 08 Sep 2014 11:26:46 GMT
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Hi all,

Is there something wrong with the code below??Because I get a segmentation break with these lines and without everything works perfectly..
The problem seems to be in the red line...
Any ideas??

```
                    // store the 4-vector of the truth matched candidate (or a dummy, if not matched to keep ntuple consistent)
  RhoCandidate *truth = d0[j]->GetMcTruth();
  TLorentzVector lv;
  if (truth) lv = truth->P4();
  qa.qaP4("trd0", lv, nd0);

  PndKinVtxFitter *vtxfitter=new PndKinVtxFitter(truth); // instantiate a vertex fitter
  vtxfitter->Fit();


  RhoCandidate *d0fitvtx = truth->GetFit(); // access the fitted cand
  Float_t chi2_vtx = vtxfitter->GetChi2(); // access chi2 of fit
  Float_t prob_vtx = vtxfitter->GetProb(); // access probability of fit

  TVector3 d0Vtx = d0fitvtx->Pos();   // and the decay vertex position
  nd0->Column("vtxprob", (Float_t) prob_vtx);
  nd0->Column("vtxchi2", (Float_t) chi2_vtx);
  nd0->Column("vtxposx", (Float_t) d0Vtx.));
  nd0->Column("vtxposy", (Float_t) d0Vtx.Y());
  nd0->Column("vtxposz", (Float_t) d0Vtx.Z());
```