Subject: Re: Vertex Fitter in Fast simulation
Posted by donghee on Tue, 01 Apr 2014 09:21:22 GMT
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Hi,

I have same question, what Elisabetta pointed out.
You suggestion is not correctly working for composited candidate as like D+.
GetPosition() of D+ is everytime equal to zero, no meaning at all.

Let assume
I have three different tracklet for D+ decay into K- pi+ pi+, each composite track has different positions.
After composition to D+ we have total 3 variated positions according smearing of track smearing.

Quote:

```
RhoCandidate *dpk = dp[j]->Daughter(0); //
TVector3 dpVtx1 = dpk->Pos();
RhoCandidate *dppi1 = dp[j]->Daughter(1); //
TVector3 dpVtx2 = dppi1->Pos();
RhoCandidate *dppi2 = dp[j]->Daughter(2);
TVector3 dpVtx3 = dppi2->Pos();
```

where, dp = composite candidate list for D+ -> K- pi+ pi+

Best wishes,
Donghee