
Subject: PRGFitter

Posted by [Simon Reiter](#) on Mon, 09 Sep 2013 17:54:17 GMT

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Hi everybody,

while plotting some stuff, I scanned some results from the PndVtxPRG fitter.

I recognized the error in the release, but I could also confirm it in the trunk. Since the release won't be fixed, I guess, I will not consider it anymore.

I reconstruct D mesons and do the fit as follows:

```
PndVtxPRG prgfitter(d0[i]);  
TVector3 vertD;  
vertD.SetXYZ(0,0,0);  
prgfitter.Fit();  
Float_t chi2s=prgfitter.GetChi2();  
vertD=d0[i]->GetFit()->Daughter(0)->GetPosition();  
Float_t vertDrho=vertD.Mag();
```

I write the chi2s and vertDrho in a tuple. I was wondering, that for chi2s, I get in some events -20 while the vertDrho is set to nan.

Any ideas?

BTW: In the release, both was set to nan.

Best regards

Simon

PS: the trunk folder was updated this morning.
