
Subject: [FIXED] 4Cfit

Posted by [Alexandros](#) on Tue, 13 May 2014 12:20:12 GMT

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Hi,

I am looking in the channel psi(4160)->D0-antiD0 etc.

I am trying to apply 4C fit in psi(4160).

So what I add in my macro is:

```
PndKinFitter fitter(psi4160[j]);  
fitter.Add4MomConstraint(ini); // set 4 constraint  
fitter.Fit();  
RhoCandidate *d0fit = psi4160[j]->Daughter(0)->GetFit(); // get fitted D0  
RhoCandidate *antid0fit = psi4160[j]->Daughter(1)->GetFit(); // get fitted antiD0  
  
npsi4160->Column("d0fit", (Float_t) d0fit->M());  
npsi4160->Column("antid0fit", (Float_t) antid0fit->M());
```

When I run my macro I get something like this:

Error in <TDecompLU::DecomposeLUCrout>: matrix is singular

Error in <TDecompLU::InvertLU>: matrix is singular, 0 diag elements < tolerance of 2.2204e-16

It is the same going over and over again.

Is there something wrong???