

---

Subject: [FIXED] 4Cfit

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

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

---

Hi,

I am looking in the channel  $\psi(4160) \rightarrow D0\text{-anti}D0$  etc.

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

So what I add in my macro is:

```
PndKinFitter fitter(ψ4160[j]);
fitter.Add4MomConstraint(ini); // set 4 constraint
fitter.Fit();
RhoCandidate *d0fit = ψ4160[j]->Daughter(0)->GetFit(); // get fitted D0
RhoCandidate *antid0fit = ψ4160[j]->Daughter(1)->GetFit(); // get fitted antiD0
```

```
nψ4160->Column("d0fit", (Float_t) d0fit->M());
nψ4160->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???

---