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Subject: Re: Urgent fixes in FairGeanePro.cxx needed  
Posted by [asanchez](#) on Tue, 31 Mar 2009 15:06:34 GMT

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Hi Felix,

maybe you can use the following function  
for those particles whose pdg is larger than 5000  
,namely, ions. i have some time ago problems  
also to extract the charge using the  
TDatabasePDG::Instance()->GetParticle(pdg)->Charge()/3..

the variable ion corresponds to the pdg code of the  
particle, for example, 1000010020.

```
Int_t PndHypDPatternRecoTask::GetChargeIon(Int_t ion)
261 {
262   Int_t A,Z,L;
263
264   if(ion>10000000000&&(ion<10100000000))
265     { ion -= 10000000000;
266       Z = ion/10000;
267       ion -= 10000*Z;
268       A = ion/10;
269       cout<<" ion charge "<<Z<<endl;
270
271       return Z;
272
273   }
```

I hope it can help you,  
best regards  
Alicia S.

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