
Subject: Re: Problems with integer FairTrackPar charge

Posted by [asanchez](#) on Fri, 18 Sep 2009 07:33:11 GMT

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Hi

i have been tracking particles ion-like,
by obtaining the charge by using GetChargelon(Int_t ion)
in my class PndHypDPatternRecoTask.

If the question concerns whether geane can track particles
with charge magnitude bigger than 1 or not, that i don't know
because i was using LSLTrackRep. But i think it must be any problem. Long time ago, i
remember there were some problems
by trying get rid of pdgcode of ions, but maybe by giving the charge magnitude as I'm doing
could solve the problem.

best regards

Alicia.

```
Int_t PndHypDPatternRecoTask::GetChargelon(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   }
```

```
287 }
```
