
Subject: CbmTrackPar bug?

Posted by [Stefano Spataro](#) on Wed, 18 Jul 2007 15:36:03 GMT

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Hello,

i found something strange in the trackbase/CbmtrackPar.cxx.

Here you are the main constructor:

```
// ----- Constructor with parameters -----  
CbmTrackPar::CbmTrackPar(Double_t x, Double_t y, Double_t z,  
    Double_t px, Double_t py, Double_t pz, Double_t q)  
{  
    fX = 0;  
    fY = 0;  
    fZ = 0;  
    fPx = 0;  
    fPy = 0;  
    fPz = 0;  
    fq = q;  
    Double_t p=TMath::Sqrt(fPx*fPx +fPy*fPy +fPz*fPz );  
    if (p!=0)fQp = q/p;  
    else fQp=0;  
}
```

Should it be:

```
fX = x;  
fY = y;  
fZ = z;  
fPx = px;  
fPy = py;  
fPz = pz;
```

or am I missing something?
