Subject: Re: Dirc+TOF
Posted by StefanoSpataro on Wed, 06 Aug 2008 16:45:24 GMT
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Exactly z0 corresponds to the point (x0, y0, z0), where:

x0 = d0*cos(phi0)
y0 = d0*sin(phi0).

phi0 = phi of the circle centre
d0 = charge * Sqrt(xc*xc + yc*yc) - radius

(xc, yc is the centre of the circle)

I still do not see how this means that the particle is coming from 0,0,0. I don't know if this is correct, but this is the definition in the original Oleg's code.