Subject: Re: Problems with integer FairTrackPar charge
Posted by Elwin Dijck on Thu, 17 Sep 2009 11:14:07 GMT

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The rounding issue is not fixed. My guess is that the lines where the charge calculation is done in two steps give a zero charge sometimes (like FairTrackParH.cxx:43-44) due to rounding errors. Perhaps changing it to something like fq = (int)TMath::Sign(1.0, fQp) or doing it in one step would prevent the problem.