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Subject: Question on R3BNeutronTracker2D  
Posted by [C. A. Douma](#) on Thu, 07 Jul 2016 13:17:57 GMT  
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Sometimes I get not enough neuthits in the output.

I know that the neutron tracker applies the cuts from the calibration files at lines 267-300 and then stores the number of tracks that have to be reconstructed in the variable nNeut. nNeut is also filled in the histogram h\_ntracks. However, if I let the neutron tracker run (TGeant4, Ca48 with 500 AMeV on C-target & GLAD-field on), then neuthit.@size and h\_ntracks do not match at all. @size is smaller.

Can anyone explain me why the neutron tracker sometimes has less tracks? I did find that if I skip the beta-window test in the AdvanchedMethod() that this problem is solved, but then I get other problems in return...

Yours Sincerely,  
Christiaan Douma.