
Subject: Re: R3BNeutronTracker2D crashes

Posted by [Dmytro Kresan](#) on Wed, 30 Mar 2016 07:14:28 GMT

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Hi Christiaan,

What you suggest, with manually adding 10 energy cuts in order to find 10 candidates for neutron interactions, does not really make sense. In the reconstruction, you will need events which fall into your 9-th or 10-th cut, so you will need 9 or 10 incident neutrons. This is not really what you want to simulate.

There is a feature in the NeutronTracker2D, you can call the following method from the r3blandreco.C macro (comment out ReadCalibrFile(...) call):

```
tracker->Disable2DEventCut(10);
```

Which will force the algorithm to produce 10 candidates. Afterwards you can apply your VETO criterium.

Best regards,
Dima