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Subject: NeuLAND tracking algorithm

Posted by [C. A. Douma](#) on Thu, 10 Mar 2016 09:14:41 GMT

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Dear all,

For my simulations on the VETO, I need to know which primary particle fired which bar of NeuLAND (in the case of multiple primaries, possibly with different PDG). I would like to use the R3BRoot tracking algorithm for NeuLAND to answer this question. I tried to run the tracker by

```
run->AddTask(new R3BNeutronTracker());
```

```
run->AddTask(new R3BNeutronTracker2D());
```

This indeed produces an output file with some histograms and a tree containing tracks.

However, the tree is always empty and for some variations of the R3BRoot setup the tracker crashes.

Can anyone explain what I'm doing wrong?

Christiaan.

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