

NOvA Break Point Fitter - Feature #16285

Add more materials into the BPF dEdx tables.

04/21/2017 01:38 PM - Michael Baird

Status:	Closed	Start date:	04/21/2017
Priority:	Low	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	2.00 hours
Description			
Extremely low priority!!! Maybe the only other materials we need is air? At least go back and examine the materials we have at out disposal from the geant dE/dx tables...			

History

#1 - 06/12/2017 12:11 PM - Michael Baird

- Status changed from New to Closed

- % Done changed from 0 to 100

I've implemented some fixes to g4nova to allow for easy printing of the dE/dx tables and a root script to read those tables in and print them to screen so that they are SUPER easy to cut and paste into BPF. The procedure for this is documented in the BPF how to's here:

https://cdcv.s.fnal.gov/redmine/projects/nova-break-point-fitter/wiki/Checking_and_Updating_the_dEdx_Tables

As for adding "air" to the list of materials, we can probably just skip that. Even if it would only take ~1 hour...