

cet-is - Feature #21017

Enable Boosted Dark Matter code in GENIE 3

10/03/2018 10:20 PM - Gianluca Petrillo

Status:	Assigned	Start date:	10/03/2018
Priority:	Normal	Due date:	
Assignee:	Lynn Garren	% Done:	80%
Category:		Estimated time:	4.00 hours
Target version:		Spent time:	2.00 hours
Scope:	Internal	SSI Package:	
Experiment:	DUNE	Co-Assignees:	

Description

I would like the Boosted Dark Matter code in GENIE 3 to be enabled on the next release of genie UPS product.

I have successfully turned it on myself using genie v3_0_0_b4a source packaged in UPS, by adding the option:

```
--enable-boosted-dark-matter
```

to the configure command line.

The context of the request is to enable future studies of Boosted Dark Matter in DUNE.

History

#1 - 10/04/2018 05:18 PM - Lynn Garren

- Project changed from LArSoft to cet-is
- Category deleted (External Packages)
- Status changed from New to Assigned
- Assignee set to Lynn Garren
- Estimated time set to 4.00 h
- Scope set to Internal

Working on a genie v3_0_0_b4b release with this option enabled. This turns out to be a very useful exercise since the GENIE code has moved from hepforge to github.

#2 - 10/04/2018 06:07 PM - Lynn Garren

- % Done changed from 0 to 80

The work necessary to create a genie v3_0_0_b4b release is complete. However, there is an open question about the naming convention for the source code directory.