

BornAgain - Feature #2195

Envelope task # 2192 (Archived): 1D data import functionality

Necessary amendments to ImportDataAssistant

10 Oct 2018 11:31 - dmitry

Status:	Resolved	Start date:	10 Oct 2018
Priority:	Normal	Due date:	
Assignee:	juan	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	Sprint 39		
Description			
Import assistant functionality should be revised:			
1. There are to items in the context menu - "Use single column as intensity bins" and "Set as intensity". One of them blocks the choice of coordinate type, the other doesn't. Probably, only the latter should stay. If no coordinates were chosen, bins should be reported as the coordinate type.			
2. User should be able to choose appropriate coordinate units after setting coordinate type. They are radians or degrees for incident angle and double incident angle. For Q they should be inverse angstroms and inverse nanometers. BornAgain can handle incident angle (in degrees or radians) and q values (in inverse nanometers) now. I suggest casting coordinate type from input values to one of the aforementioned types in the import assistant.			
3. I would suggest allowing the user the last row to load. It can be reasonable for large files with mixed data. Apart from that, there is no other mechanism for now, which would allow to select only part of data, if user is interested in something particular (in the case of GISAS it is so called region of interest, but it is not implemented in reflectometry).			
4. I can select a column, but cannot set it as a coordinate or intensity, when I call the context menu on column head. A little bit inconvenient.			

History

#1 - 15 Oct 2018 07:46 - dmitry

- Subject changed from Provide possibility to choose coordinate units in import assistant to Necessary amendments to ImportDataAssistant
- Description updated

#2 - 16 Oct 2018 10:03 - dmitry

- Assignee set to juan

#3 - 16 Oct 2018 10:04 - dmitry

- Description updated

#4 - 18 Oct 2018 08:47 - dmitry

- Description updated

#5 - 26 Oct 2018 10:20 - juan

- Status changed from Sprint to Resolved
- % Done changed from 0 to 100