

BornAgain - Feature #12

Core: SLD: Calculation of refractive index for x-rays and neutrons from database

18 Apr 2012 11:25 - pospelov

Status: Backlog	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description Implement classes for retrieving refractive index using chemical formula of material and energies of neutrons/x-rays. Possible solutions: - Port genRefrex python package. - Share code with Mantid. - Share code with NSXTools.	
Related issues: Precedes BornAgain - Feature #981: GUI: Real-time activity: update refractive... Backlog 19 Feb 2015	

History

#1 - 15 May 2012 16:11 - herck

- Status changed from New to Backlog

#2 - 14 Jun 2012 11:38 - pospelov

- Assignee deleted (pospelov)

#3 - 04 Apr 2013 10:41 - wuttke

- Priority changed from Normal to Low

#4 - 11 Apr 2013 16:41 - herck

- Subject changed from Calculation of refraction coefficients for x-rays and neutrons from database to Calculation of refractive index for x-rays and neutrons from database

- Description updated

#5 - 11 Apr 2013 16:41 - herck

- Status changed from Backlog to Long Term Idea

#6 - 07 Feb 2014 18:28 - wuttke

There is related code in Mantid, which ought to be moved into a separate library ...

#7 - 10 Mar 2015 17:49 - pospelov

- Assignee set to Anonymous

#8 - 02 Nov 2015 22:59 - pospelov

- Assignee deleted (Anonymous)

#9 - 02 Feb 2016 10:29 - wuttke

- Description updated

#10 - 03 Mar 2016 14:22 - wuttke

Waiting for release of NSXTools

#11 - 30 May 2016 16:10 - wuttke

- Parent task set to #1438

#12 - 28 Sep 2016 23:32 - wuttke

- Related to deleted (Feature #981: GUI: Real-time activity: update refractive index when varying wavelength)

#13 - 28 Sep 2016 23:35 - wuttke

- Precedes Feature #981: GUI: Real-time activity: update refractive index when varying wavelength added

#14 - 20 Nov 2019 15:27 - dmitry

- Category set to 5

- Status changed from Long Term Idea to Backlog

- Priority changed from Low to Normal

#15 - 18 Sep 2020 18:10 - wuttke

- Subject changed from Calculation of refractive index for x-rays and neutrons from database to Core: SLD: Calculation of refractive index for x-rays and neutrons from database

- Parent task deleted (#1438)