

BornAgain - Feature #494

Implement all IsGISAXS distribution functions

12 Nov 2013 11:43 - herck

Status:	Archived	Start date:	12 Nov 2013
Priority:	Normal	Due date:	
Assignee:	herck	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Sprint 18		
Description			

History

#1 - 06 Dec 2013 14:51 - herck

- Status changed from Sprint to Resolved

Two types of distribution functions were not implemented, because both give rise to negative intensities when used inside an interference function. The origin can be traced back to the fact that the pair correlation function corresponding to these distributions is unphysical (it violates the translation invariance that is a crucial assumption in constructing this function: $G(R1,R2) \rightarrow g(R2-R1)$).

#2 - 20 Dec 2013 11:15 - pospelov

- Status changed from Resolved to Archived