

BornAgain - Documentation #2349

Core: instrument: improve example: Beam divergence: use sample with highly structured GISAS pattern, and show effect of beam divergence

10 May 2019 14:47 - wuttke

Status:	Backlog	Start date:	10 May 2019
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Show 2 simulation results: with and without beam divergence. Perhaps even 3 or 4 or 5 results, to show the effects of wavelength and angular divergence separately.			
Choose a better sample model to highlight the consequences of beam divergence. The cylinder model has sharp minima in ϕ_f , but not in α_f . So we can do better, using a model that has sharp structure in both variables.			

History

#1 - 10 May 2019 14:56 - wuttke

- Description updated

#2 - 10 May 2019 14:57 - wuttke

- Description updated

#3 - 18 Sep 2020 15:55 - wuttke

- Subject changed from *Beam divergence example: use sample with highly structured GISAS pattern, and show effect of beam divergence* to *Example: Beam divergence: use sample with highly structured GISAS pattern, and show effect of beam divergence*

- Status changed from *New* to *Backlog*

#4 - 19 Sep 2020 10:21 - wuttke

- Subject changed from *Example: Beam divergence: use sample with highly structured GISAS pattern, and show effect of beam divergence* to *Core: instrument: improve example: Beam divergence: use sample with highly structured GISAS pattern, and show effect of beam divergence*