

BornAgain - Bug #1136

Numerical instability at $\phi_f=0$ on MacOS for Pyramid based form factors

17 Jul 2015 10:12 - pospelov

Status:	Archived	Start date:	17 Jul 2015
Priority:	Normal	Due date:	
Assignee:	herck	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Sprint 29		
Description			
Functional test CoreSuite/FormFactors is failing under MacOS for 3 form factors:			
<ul style="list-style-type: none">• AnisoPyramid• Cuboctahedron• Pyramid			
with overall precision $\sim 1e-9$ which is larger than our threshold $1e-10$			
The difference comes from $\phi_f=0.0$ bin			
See png plot attached, which shows difference between ref_FormFactors_Pyramid.int obtained on MacOs and Linux			

History

#1 - 31 Jul 2015 14:52 - pospelov

- Target version set to Sprint 29

#2 - 31 Jul 2015 14:53 - pospelov

- Status changed from Backlog to Sprint

#3 - 10 Aug 2015 10:40 - herck

- Assignee set to herck

#4 - 23 Sep 2015 17:55 - herck

- Status changed from Sprint to Resolved

#5 - 03 Nov 2015 10:01 - pospelov

- Status changed from Resolved to Archived

Files

pyramid_macos_minus_linux.png	53.9 KB	17 Jul 2015	pospelov
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