

BornAgain - Bug #998

GUI: beam wavelength with wide gaussian distribution cause crash

06 Mar 2015 09:15 - pospelov

Status:	Archived	Start date:	06 Mar 2015
Priority:	Normal	Due date:	
Assignee:	pospelov	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Sprint 26		
Description			
How to reproduce: Set gaussian distribution for wavelength with mean=0.1, sigma=0.1, sigma_factor=2.0, then the GUI will crash with			
BornAgain: /home/pospelov/development/BornAgain/source/Core/Algorithms/src/DecouplingApproximationStrategy.cpp:55: virtual double DecouplingApproximationStrategy::evaluateForList(const cvector_t&, const Bin1DCVector&, const std::vector<std::complex<double> >&) const: Assertion '!MathFunctions::isnan(amplitude.real())' failed.			
<ul style="list-style-type: none">• How to fix:<ul style="list-style-type: none">◦ take care about negative values for wavelengths produced with IDistribution1D◦ Replace 'assert' with 'throw' so GUI would be stay alive and would report the user the throw message			

History

#1 - 06 Mar 2015 15:15 - pospelov

- Description updated
- Status changed from New to Sprint
- Target version set to Sprint 26

#2 - 12 Mar 2015 16:26 - pospelov

- Assignee set to pospelov

#3 - 17 Mar 2015 17:31 - pospelov

- Status changed from Sprint to Resolved

#4 - 21 Apr 2015 17:03 - pospelov

- Status changed from Resolved to Archived