

## BornAgain - Bug #2037

### Fit: Unrealistically high error estimate (while fitting specular signal)

16 Apr 2018 12:41 - dmitry

<b>Status:</b>	Backlog	<b>Start date:</b>	16 Apr 2018
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Reflectometry	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
FitSpecularBasics.py returns correct result (the thickness of sample layers), but the error shown in the report is unrealistically high:			
Fitting completed. chi2: 1.2148678179247064e-12 thickness 3.000016495365972 4.992353272597191			
The last value in the last line is the "error" of the parameter ("thickness") determination			

#### History

##### #1 - 24 May 2018 17:12 - herck

- Target version changed from Sprint 37 to Sprint 38

##### #2 - 13 Jun 2018 13:12 - pospelov

- Status changed from Sprint to Backlog

- Target version deleted (Sprint 38)

##### #3 - 20 Nov 2019 15:12 - dmitry

- Category set to Reflectometry

##### #4 - 18 Sep 2020 19:59 - wuttke

- Subject changed from Unrealistically high error in parameter determination while fitting specular signal to Fit: Unrealistically high error estimate (while fitting specular signal)

##### #5 - 21 Sep 2020 12:01 - wuttke

- Priority changed from Normal to High