

## BornAgain - Bug #1798

### Provide check for negative absorption values

24 Apr 2017 16:29 - pospelov

<b>Status:</b>	Resolved	<b>Start date:</b>	24 Apr 2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	herck	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Sprint 34		
<b>Description</b>			
<ul style="list-style-type: none"><li>• Take reflectivity example, make absorption negative</li><li>• Reflectivity will be above one</li></ul>			

### History

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**#1 - 15 May 2017 12:15 - herck**

- Target version set to Sprint 34

**#2 - 15 May 2017 12:15 - herck**

- Status changed from Backlog to Sprint

**#3 - 15 May 2017 12:22 - herck**

- Assignee set to herck

**#4 - 15 May 2017 15:39 - herck**

- Status changed from Sprint to Resolved

I checked the reflectivity in a specular simulation with beta value of some layers negative. As expected, this acts like a source and produces  $|R| > 1$ . We may need to document or give warnings to users when they define beta negative.