

## BornAgain - Feature #411

Feature # 386 (Rejected): Add extra functionality for neutron polarization

Feature # 367 (Resolved): Provide treatment of detector resolution for polarized neutrons

### Provide help functions for analysis of polarized OutputData structures

25 Sep 2013 11:20 - herck

<b>Status:</b>	Resolved	<b>Start date:</b>	25 Sep 2013
<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 16		

#### Description

A polarized OutputData structure consists of a 2-dimensional array of 2x2 matrices.

Provide a global function that retrieves a 2-dimensional array of scalars, by selecting only one component of the 2x2 matrix.

This function would help the analysis of polarized scattering experiments. For example, in a half-polarized experiment, where the polarization of the outgoing beam is not analyzed, the intensities of two components should be added.

#### History

##### #1 - 26 Sep 2013 10:26 - herck

- Status changed from Backlog to Sprint
- Assignee set to herck
- Target version set to Sprint 16
- Parent task set to #367

##### #2 - 26 Sep 2013 14:25 - herck

- Status changed from Sprint to Resolved