

BornAgain - Feature #1666

PythonAPI: Constructor of Histogram2D should accept also numpy arrays with dtype=int

24 Nov 2016 09:57 - ganeva

Status:	Backlog	Start date:	24 Nov 2016
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
For the moment, constructor			
Histogram2D(const std::vector<std::vector<double>>& data);			
accepts only numpy arrays with dtype=float. However, libraries like fabio or gdal produce numpy arrays with dtype=int. The .image data from Elettra synchrotron are also read as a numpy array of integers (due to the binary format). If Histogram2D would accept the integer data, it would save users the conversion step.			

History

#1 - 29 Nov 2016 09:31 - wuttke

- Parent task set to #1572

#2 - 18 Sep 2020 17:00 - wuttke

- Subject changed from *Constructor of Histogram2D should accept also numpy arrays with dtype=int* to *PythonAPI: Constructor of Histogram2D should accept also numpy arrays with dtype=int*

- Status changed from *New* to *Backlog*

- Parent task deleted (#1572)