

NAME

pyFAI-saxs – azimuthal integration for SAXS users.

DESCRIPTION

pyFAI-saxs is the SAXS script of pyFAI that allows data reduction (azimuthal integration) for Small Angle Scattering with output axis in q space.

Parameters:

- p**=*param.poni*
PyFAI parameter file
- w**=9.31e-11
wavelength (in meter)
- d**=-2 dummy value for dead pixels
- dd**=-1.1
delta dummy
- mask**=*mask*
mask image
- dark**=*darkImage*
dark current image
- flat**=*flatImage*
name of the file containing the flat field
- background**=*filename*
name of the file containing the background
- h** print help and exit

Usage:

pyFAI-saxs **-p**=*param.poni* **-w**=0.154e-9 file.edf file2.edf file3.edf

saxs_integrate is the Saxs script of pyFAI that allows data reduction for Small Angle Scattering.

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PyFAI parameter file
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pyFAI-saxs **-p**=*param.poni* **-w**=0.154e-9 file.edf file2.edf file3.edf