NAME

check_calib − check_calib

DESCRIPTION

/usr/lib/pymodules/python2.7/matplotlib/__init__.py:923: UserWarning: This call to matplotlib.use() has no effect because the the backend has already been chosen; matplotlib.use() must be called *before* pylab, matplotlib.pyplot, or matplotlib.backends is imported for the first time.

if warn: warnings.warn(_use_error_msg)

usage: check_calib [options] **−p** param.poni image.edf

Check_calib is a research tool aiming at validating both the geometric calibration and everything else like flat−field correction, distortion correction, at a sub−pixel level. Note that ʻcheck_calibʻ program is obsolete as the same functionnality is available from within pyFAI−calib, using the ʻvalidateʻ command in the refinement process.

positional arguments:

FILE　　Image file to check calibration for

optional arguments:

−h, **−−help**
show this help message and exit

−V, **−−version**
show program's version number and exit

−v, **−−verbose**
switch to debug mode

−d FILE, **−−dark** FILE
file containing the dark images to subtract

−f FILE, **−−flat** FILE
file containing the flat images to divide

−m FILE, **−−mask** FILE
file containing the mask

−p FILE, **−−poni** FILE
file containing the diffraction parameter (poni−file)

−e ENERGY, **−−energy** ENERGY
energy of the X−Ray beam in keV (hc=12.398419292keV.A)

−w WAVELENGTH, **−−wavelength** WAVELENGTH
wavelength of the X−Ray beam in Angstrom