

**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: 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 Note that 'check\_calib' program is obsolete as the same fonctionnality is available from within pyFAI-calib, using the 'validate' command in the refinement process.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**

**-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