Calibration & Data Conversion

⇒Use software appropriate to your detector to remove any non-linearity in the data, flat-field, de-bias, etc. If required, convert to NDF format.

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POLIMP

⇒Store information describing each input image in the POLPACK extension of the image so that subsequent POLPACK applications can access it.

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POLKA

⇒For dual-beam data, extract O and E ray images from all frames. Align all images, subtract a sky background, and produce a data cube holding the Stokes parameters.

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POLVEC

⇒Convert the Stokes parameters cube into a catalogue of polarization vectors and Stokes parameters.

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[POLBIN]

⇒If required, reduce the noise and resolution of the catalogue by binning the Stokes parameters, producing a new catalogue of polarization vectors.

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CATSELECT

⇒Select the vectors to be displayed in the final map.

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POLPLOT

⇒Draw the selected vectors in the form of a polarization map.