

Calibration &  
Data Conversion



**POLIMP**



**POLKA**



**POLVEC**



**[ POLBIN ]**



**CATSELECT**



**POLPLOT**

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

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

⇒ Extract O and E ray images from all images, align them, subtract a sky background, and produce a data cube holding the Stokes parameters.

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

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

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

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