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(remove this paragraph once the translation is finished)

Creation of a radial brightness profile

The program ds9 can be used to create a radial brightness profile.

Projection tool

1. Open the Fits file
2. Change `projection tool` in *Region* > *Shape* > *Projection*
3. Mark the line at which the radial profile shall be created
4. In the popup window `projection` save the profile, either as data table: *File* > *Save Data* as *.dat file; alternative export from the diagram window as PostScript image: *File* > *Postscript Print*.
5. Use gnuplot, tikz, pgfplots, WRplot or alike (Excel would work, too) to create the profile

Line

1. Open the fits file
2. Change `line` in *Region* > *Shape*
3. Mark the line at which the radial profile shall be created
4. Double-click the line
5. In the popup window create the profile in *Analysis* > *2D Plot*
6. In the popup window `projection` save the profile, either as data table: *File* > *Save Data* as *.dat file; alternative export from the diagram window as PostScript image: *File* > *Postscript Print*.
7. Use gnuplot, tikz, pgfplots, WRplot or alike (Excel would work, too) to create the profile