🕆 Fix Me!

This page is not fully translated, yet. Please help completing the

## translation.

(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
- 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

