

Figure 1: A plot showing the radial profiles of the surface brightness of the source (blue line) and 10 off-fields (orange shaded region). The x-axis represents Distance [kpc] from 0 to 1000. The y-axis represents surface brightness. A vertical dotted line is drawn at approximately 130 kpc. The source profile shows several peaks, with the highest at approximately 100 kpc and 330 kpc. The off-fields profile is much flatter and noisier, with a general downward trend as distance increases.

