

Search for very extended ionized gas in Seyfert galaxies: Mrk 938

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Abstract

We present deep images on the H α emission plus an adjacent continuum obtained with OSIRIS/GTC, using the TF red in scanning mode for the Seyfert 2 galaxy Mrk 938. We detect HII regions so far (35 kpc) and two filaments with diffuse emission in the H α pure images. We obtain H α fluxes and we estimate velocities for these regions.