

Low Surface Brightness galaxies: V_c - σ_0 relation and halo central density radial profile from stellar kinematics measurements

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Ionized gas and stellar kinematics for a sample of 11 Low Surface Brightness galaxies (LSB) are presented. The sample galaxies have been observed along their major and minor axis. We present preliminary mass models of 3 objects based on the stellar kinematics and z-band imaging, aimed at deriving the dark matter spatial distribution. A second results concern the relation between the circular velocity V_c and the central stellar velocity dispersion σ_0 . LSBs seem to follow a relation different from the one valid for high surface brightness galaxies, showing a higher V_c for the same σ_0 .

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