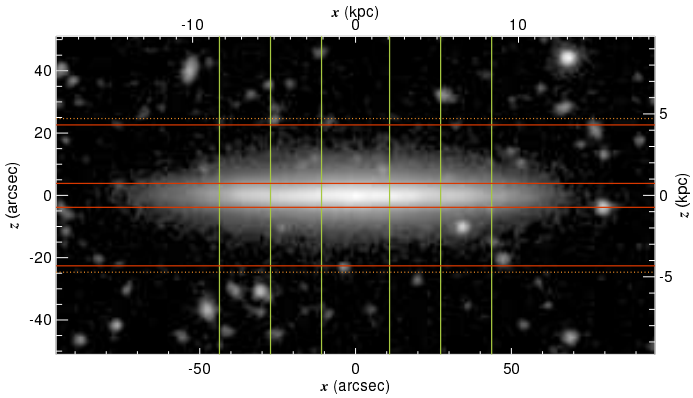
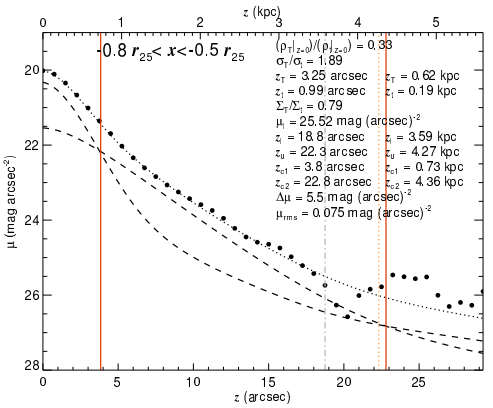
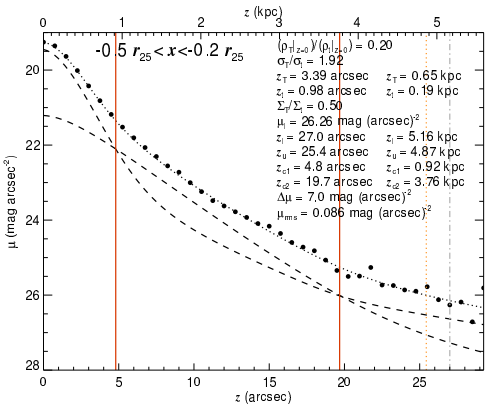
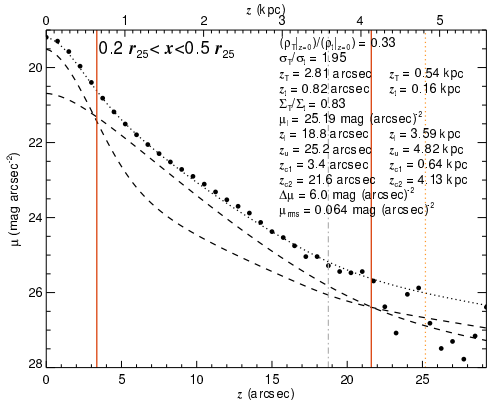
# ESO 533-4

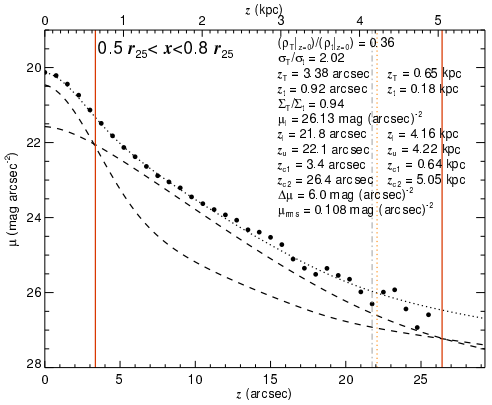


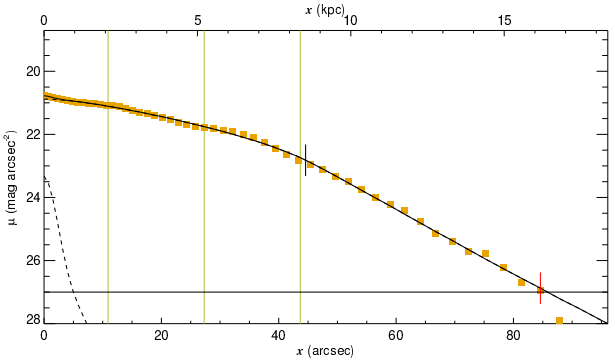

| | |
|---|---|
| RA (J2000.0) | $22^{h}14^{m}03\overset{s}{.}02$ |
| Dec (J2000.0) | $-26°56'15\overset{''}{.}8$ |
| $r_{25}$ | $54\overset{''}{.}6$ |
| PA | 150°5 |
| $M_{3.6\mu m}$(AB) | -20.483 |
| $d$ | 39.45 Mpc (2) |
| $v_c$ | 159 km s$^{-1}$ (3) |
| Mean $z_{c1}$ | $3\overset{''}{.}8$ |
| Mean $z_{c2}$ | $22\overset{''}{.}6$ |
| Mean $z_u$ | $24\overset{''}{.}7$ |

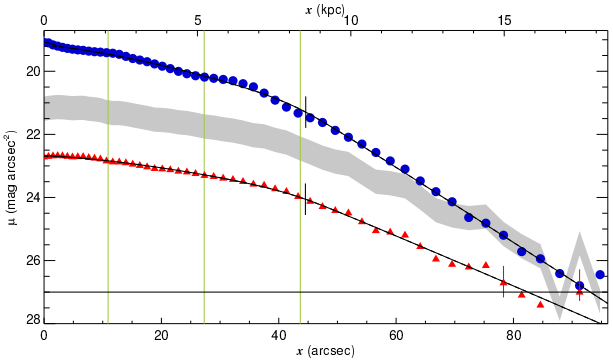



| CMC properties |
|---|
| $r_{CMC} = 0\overset{''}{.}74$ |
| $n = 0.98$ |

| Total profile |
|---|
| Type II |
| $h_1 = 21\overset{''}{.}1$ |
| $h_2 = 9\overset{''}{.}2$ |
| $r_{12} = 44\overset{''}{.}6$ |

| Thin disc profile |
|---|
| Type II |
| $h_1 = 20\overset{''}{.}2$ |
| $h_2 = 8\overset{''}{.}6$ |
| $r_{12} = 44\overset{''}{.}6$ |

| Thick disc profile |
|---|
| Type II |
| $h_1 = 31\overset{''}{.}3$ |
| $h_2 = 12\overset{''}{.}6$ |
| $r_{12} = 44\overset{''}{.}5$ |

| Component masses |
|---|
| $\mathcal{M}_g = 9.62 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_t = 14.14 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_T = 10.15 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_{CMC} = 0.23 \times 10^9\ \mathcal{M}_\odot$ |

| Disc scale-heights |
|---|
| $z_t = 0\overset{''}{.}9$ |
| $z_T = 3\overset{''}{.}2$ |