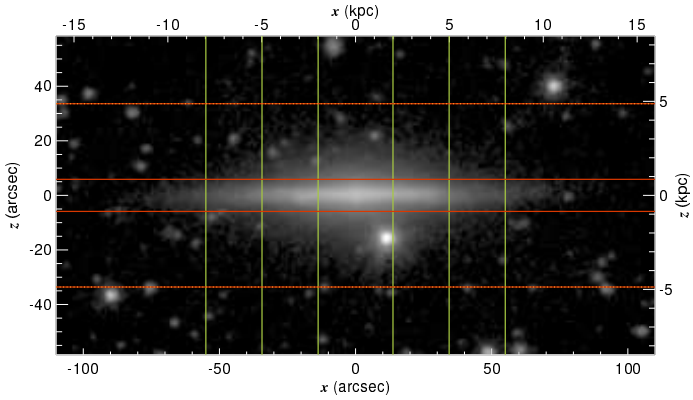
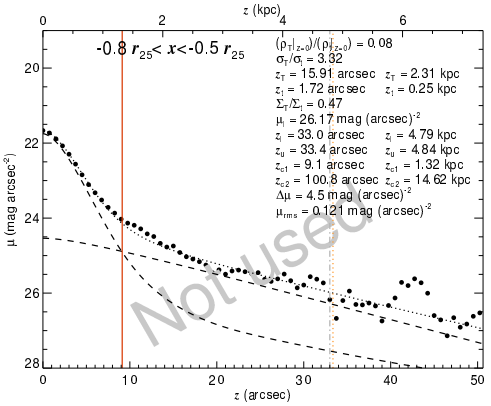
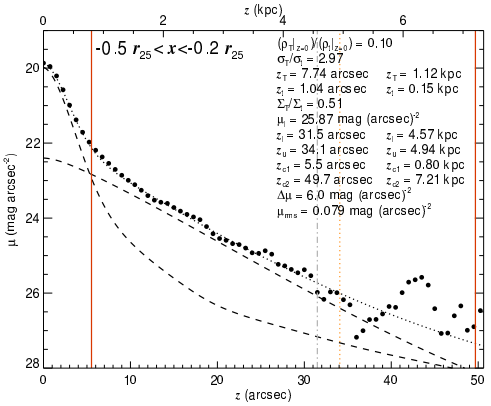
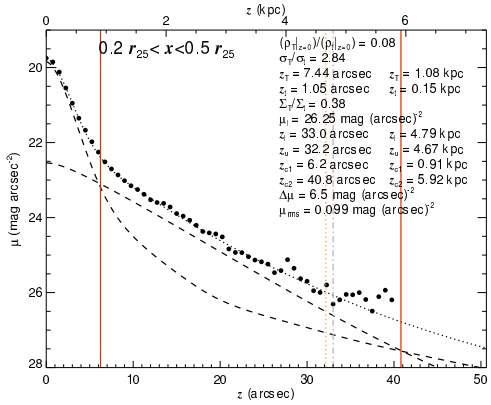


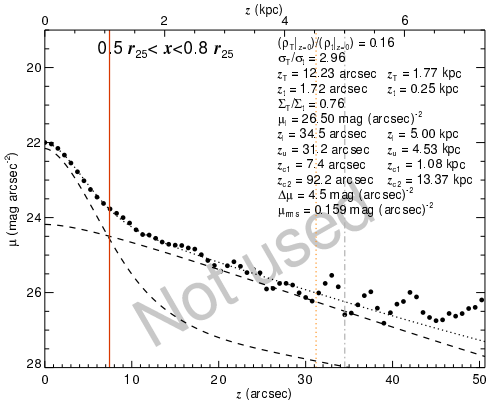

# UGC 7086

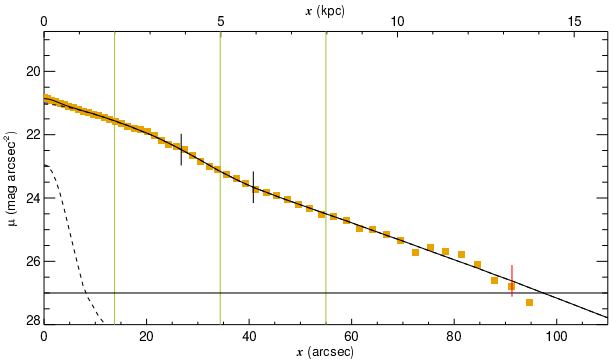
| | |
|---|---|
| RA (J2000.0) | $12^{h}05^{m}56\overset{s}{.}12$ |
| Dec (J2000.0) | $+77°30'18\overset{''}{.}2$ |
| $r_{25}$ | $68\overset{''}{.}7$ |
| PA | 70°5 |
| $M_{3.6\mu m}$(AB) | -19.757 |
| $d$ | 29.92 Mpc (2) |
| $v_c$ | 135 km s$^{-1}$ (3) |
| Mean $z_{c1}$ | $5\overset{''}{.}9$ |
| Mean $z_{c2}$ | $33\overset{''}{.}6$ |
| Mean $z_u$ | $33\overset{''}{.}6$ |

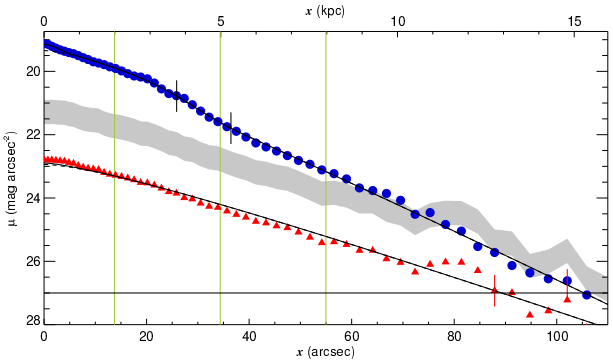



| CMC properties |
|---|
| $r_{CMC}$ = 3$\overset{''}{.}$04 |
| $n$ = 0.50 |

| Total profile |
|---|
| Type II+III |
| $h_1$ = 14$\overset{''}{.}$6 |
| $h_2$ = 8$\overset{''}{.}$4 |
| $h_3$ = 16$\overset{''}{.}$3 |
| $r_{12}$ = 26$\overset{''}{.}$8 |
| $r_{23}$ = 40$\overset{''}{.}$8 |

| Thin disc profile |
|---|
| Type II+III |
| $h_1$ = 15$\overset{''}{.}$3 |
| $h_2$ = 7$\overset{''}{.}$8 |
| $h_3$ = 13$\overset{''}{.}$2 |
| $r_{12}$ = 25$\overset{''}{.}$9 |
| $r_{23}$ = 36$\overset{''}{.}$5 |

| Thick disc profile |
|---|
| Type I |
| $h_1$ = 18$\overset{''}{.}$6 |

| Component masses |
|---|
| $\mathcal{M}_g = 5.90 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_t = 8.31 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_T = 3.66 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_{CMC} = 0.38 \times 10^9\ \mathcal{M}_\odot$ |

| Disc scale-heights |
|---|
| $z_t$ = 1$\overset{''}{.}$0 |
| $z_T$ = 7$\overset{''}{.}$6 |