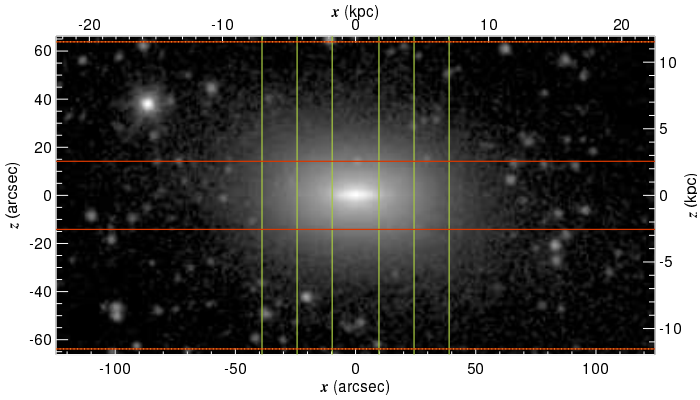
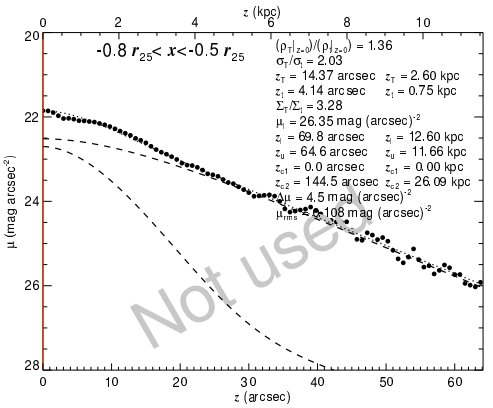
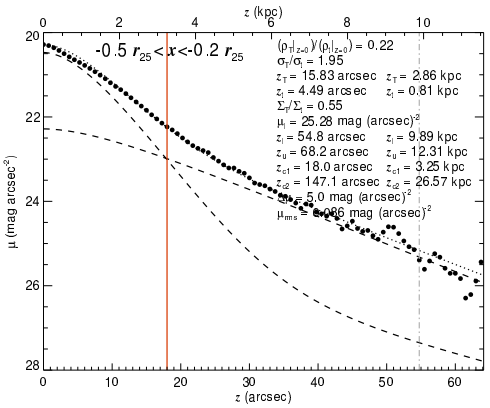
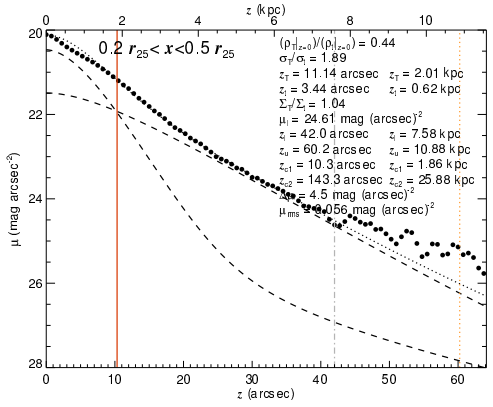
# NGC 4370

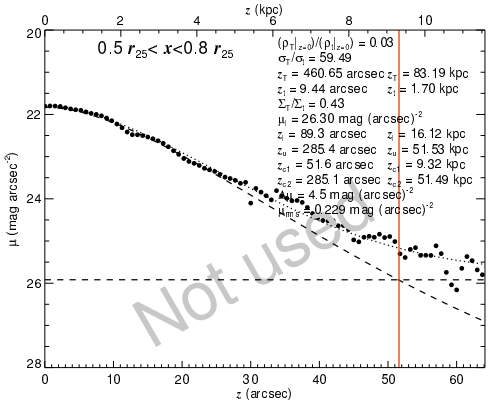


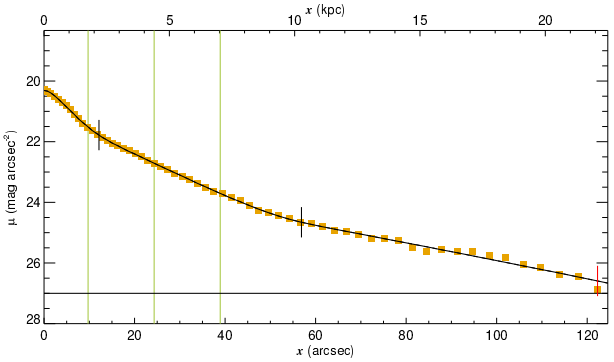

| | |
|---|---|
| RA (J2000.0) | $12^{h}24^{m}54\overset{s}{.}90$ |
| Dec (J2000.0) | $+07°26'41\overset{''}{.}6$ |
| $r_{25}$ | $48\overset{''}{.}7$ |
| PA | 84°5 |
| $M_{3.6\mu m}$(AB) | -21.034 |
| $d$ | 37.25 Mpc (4) |
| $v_c$ | 176 km s$^{-1}$ (4) |
| Mean $z_{c1}$ | $14\overset{''}{.}2$ |
| Mean $z_{c2}$ | $63\overset{''}{.}8$ |
| Mean $z_u$ | $63\overset{''}{.}8$ |

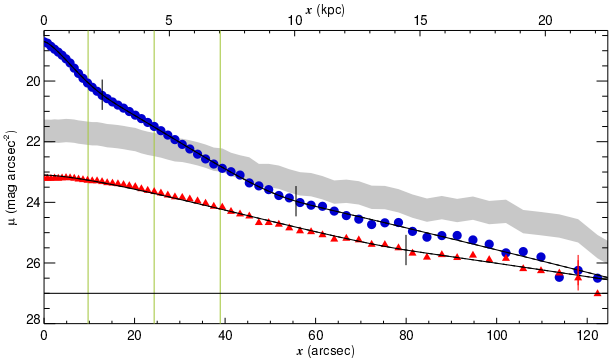



| CMC properties | Total profile | Thin disc profile | Thick disc profile | Component masses | Disc scale-heights |
|---|---|---|---|---|---|
| No CMC | Type III+III | Type III+III | Type III | $\mathcal{M}_g = 1.55 \times 10^9\ \mathcal{M}_\odot$ | $z_t = 4\overset{''}{.}0$ |
| | $h_1 = 4\overset{''}{.}0$ | $h_2 = 9\overset{''}{.}9$ | $h_1 = 22\overset{''}{.}3$ | $\mathcal{M}_t = 23.03 \times 10^9\ \mathcal{M}_\odot$ | $z_T = 13\overset{''}{.}5$ |
| | $h_2 = 11\overset{''}{.}8$ | $h_3 = 26\overset{''}{.}3$ | $h_2 = 41\overset{''}{.}8$ | $\mathcal{M}_T = 17.76 \times 10^9\ \mathcal{M}_\odot$ | |
| | $h_3 = 32\overset{''}{.}4$ | $r_{12} = 12\overset{''}{.}8$ | $r_{12} = 80\overset{''}{.}0$ | $\mathcal{M}_{CMC} \sim 0$ | |
| | $r_{12} = 12\overset{''}{.}1$ | $r_{23} = 55\overset{''}{.}7$ | | | |
| | $r_{23} = 56\overset{''}{.}9$ | | | | |