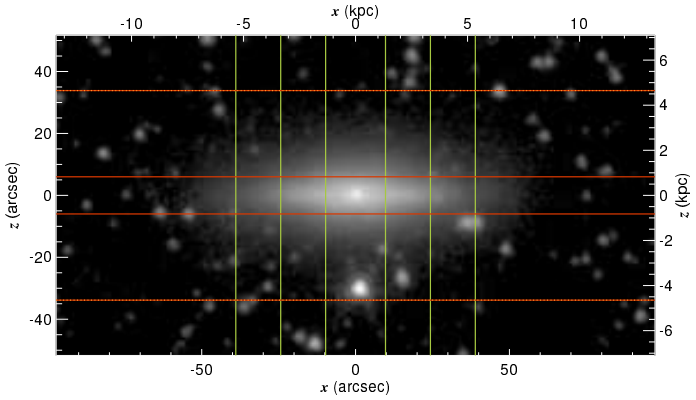
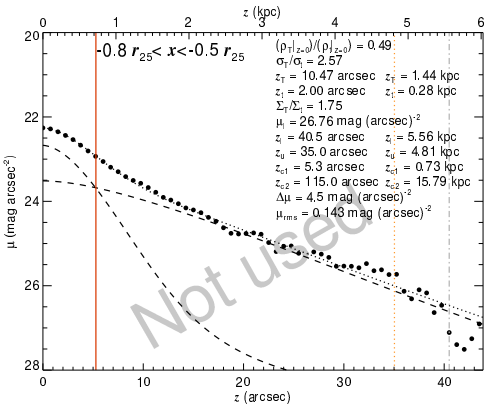
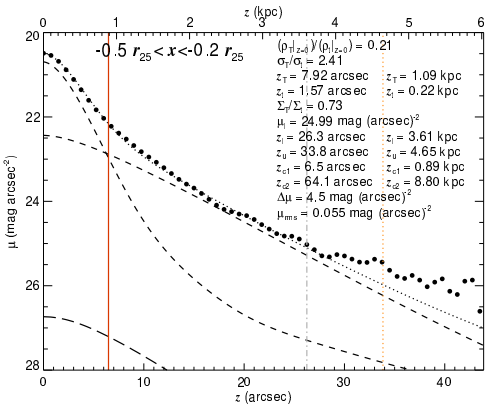
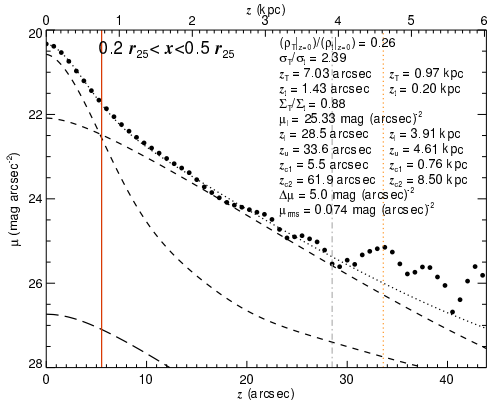


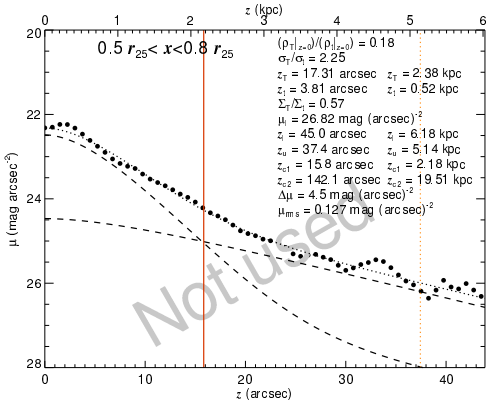

# NGC 516

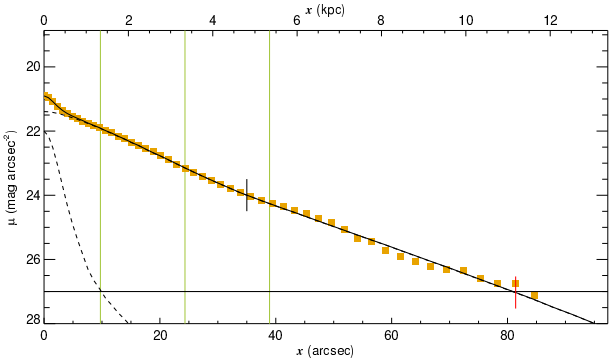
| | |
|---|---|
| RA (J2000.0) | $01^{h}24^{m}08\overset{s}{.}07$ |
| Dec (J2000.0) | $+09°33'06\overset{''}{.}1$ |
| $r_{25}$ | $48\overset{''}{.}7$ |
| PA | $44°5$ |
| $M_{3.6\mu m}$(AB) | -19.215 |
| $d$ | 28.33 Mpc (5) |
| $v_c$ | 67 km s$^{-1}$ (19) |
| Mean $z_{c1}$ | $6\overset{''}{.}0$ |
| Mean $z_{c2}$ | $33\overset{''}{.}8$ |
| Mean $z_u$ | $33\overset{''}{.}8$ |

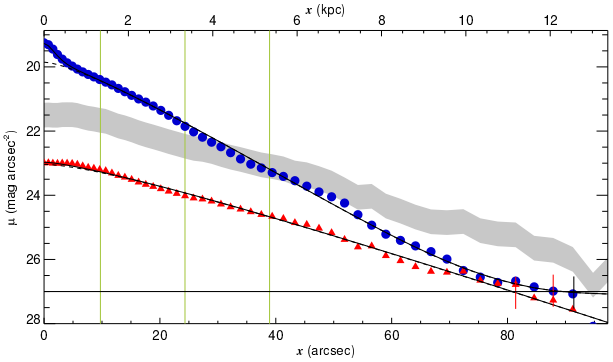



| CMC properties | Total profile | Thin disc profile | Thick disc profile | Component masses | Disc scale-heights |
|---|---|---|---|---|---|
| | Type III | Type III | Type I | | |
| $r_{CMC} = 1\overset{''}{.}10$ | $h_1 = 9\overset{''}{.}4$ | $h_1 = 9\overset{''}{.}5$ | $h_1 = 17\overset{''}{.}1$ | $\mathcal{M}_g \sim 0$ | $z_t = 1\overset{''}{.}5$ |
| $n = 0.95$ | $h_2 = 14\overset{''}{.}5$ | $h_2 = 129\overset{''}{.}1$ | | $\mathcal{M}_t = 3.90 \times 10^9\ \mathcal{M}_\odot$ | $z_T = 7\overset{''}{.}5$ |
| | $r_{12} = 35\overset{''}{.}0$ | $r_{12} = 91\overset{''}{.}4$ | | $\mathcal{M}_T = 3.14 \times 10^9\ \mathcal{M}_\odot$ | |
| | | | | $\mathcal{M}_{CMC} = 0.69 \times 10^9\ \mathcal{M}_\odot$ | |