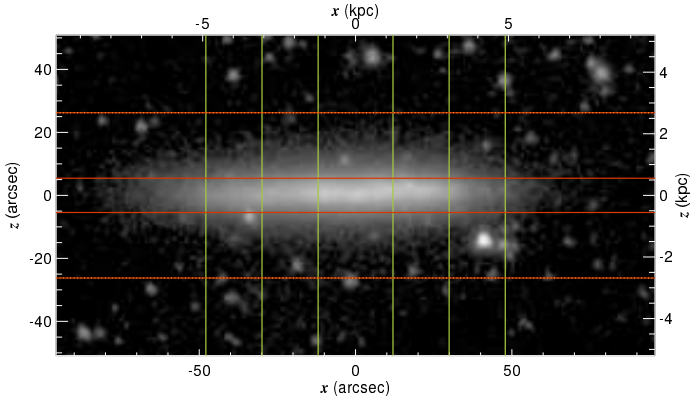
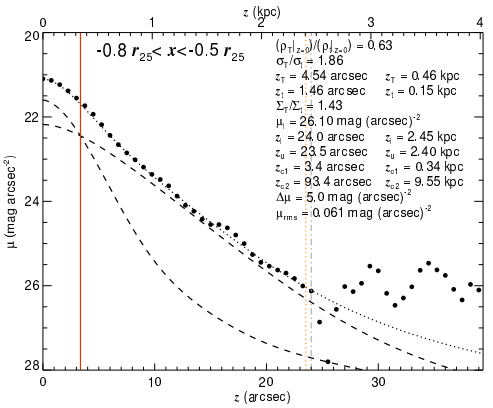
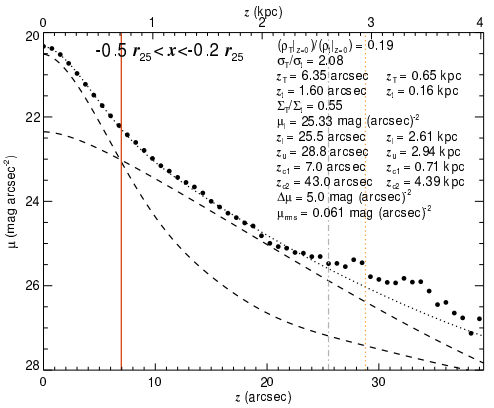
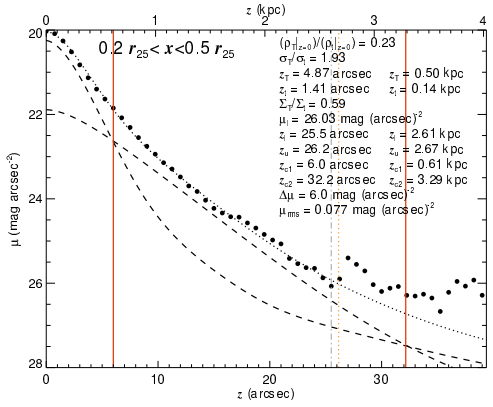
# IC 217

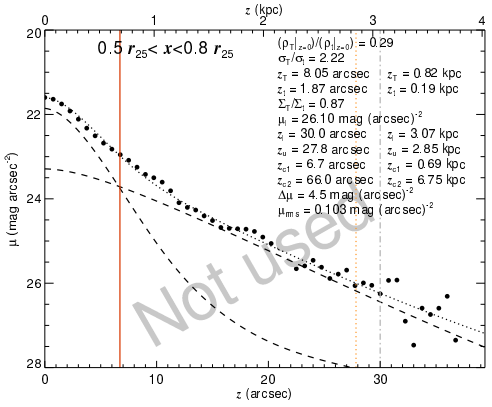


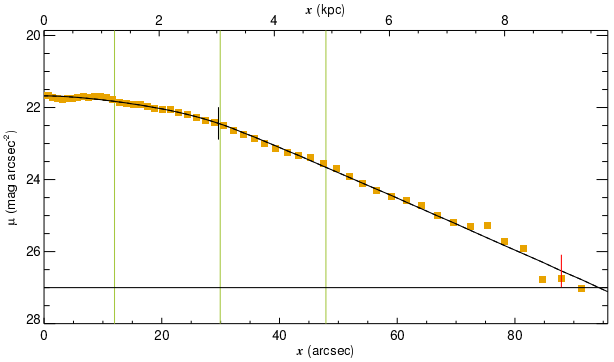

| | |
|---|---|
| RA (J2000.0) | $02^{h}16^{m}10\overset{s}{.}44$ |
| Dec (J2000.0) | $-11°55'36\overset{''}{.}2$ |
| $r_{25}$ | $59\overset{''}{.}9$ |
| PA | $35°7$ |
| $M_{3.6\mu m}$(AB) | -18.564 |
| $d$ | 21.09 Mpc (2) |
| $v_c$ | 104 km s$^{-1}$ (3) |
| Mean $z_{c1}$ | $5\overset{''}{.}4$ |
| Mean $z_{c2}$ | $26\overset{''}{.}2$ |
| Mean $z_u$ | $26\overset{''}{.}2$ |

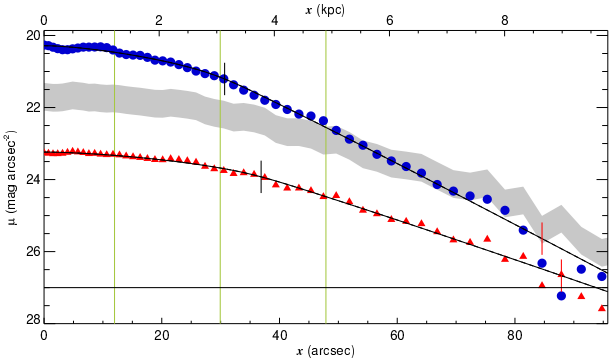



| CMC properties |
|---|
| No CMC |

| Total profile | Thin disc profile | Thick disc profile |
|---|---|---|
| Type II | Type II | Type II |
| $h_1 = 38\overset{''}{.}8$ | $h_1 = 33\overset{''}{.}8$ | $h_1 = 59\overset{''}{.}3$ |
| $h_2 = 13\overset{''}{.}4$ | $h_2 = 11\overset{''}{.}9$ | $h_2 = 17\overset{''}{.}6$ |
| $r_{12} = 29\overset{''}{.}6$ | $r_{12} = 30\overset{''}{.}7$ | $r_{12} = 36\overset{''}{.}9$ |

| Component masses |
|---|
| $\mathcal{M}_g = 1.96 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_t = 2.46 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_T = 1.72 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_{CMC} \sim 0$ |

| Disc scale-heights |
|---|
| $z_t = 1\overset{''}{.}5$ |
| $z_T = 5\overset{''}{.}3$ |