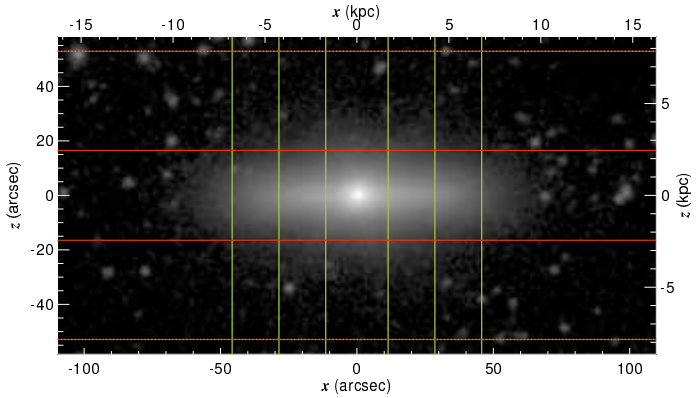
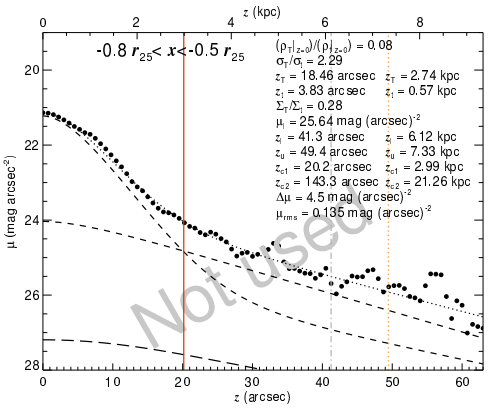
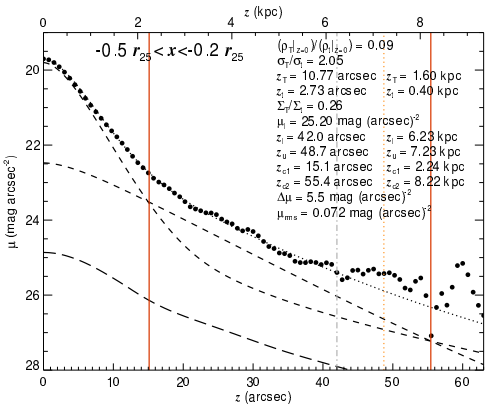
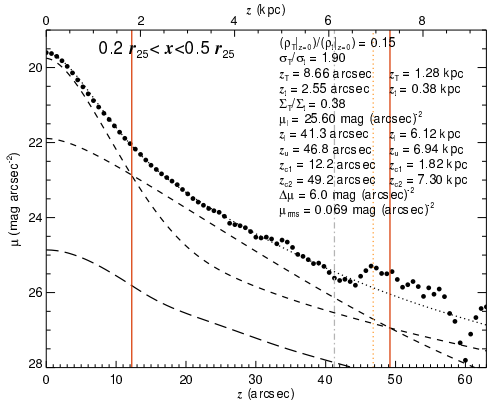


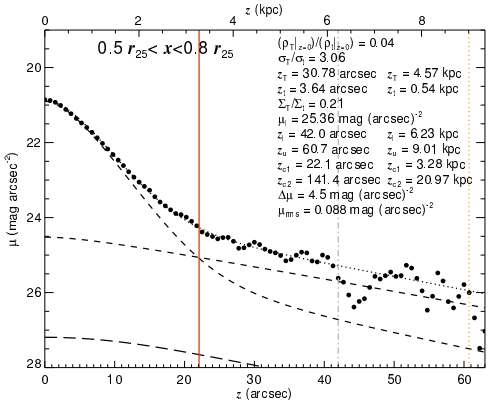

# NGC 3630

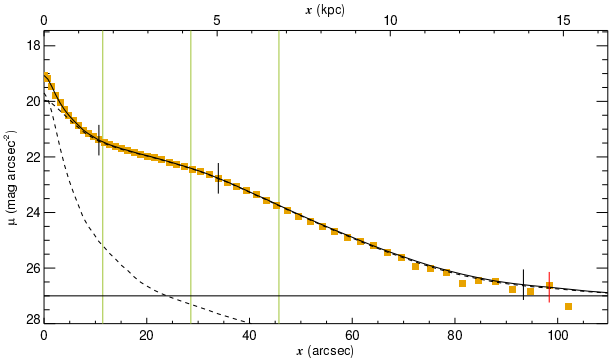
| | |
|---|---|
| RA (J2000.0) | $11^{h}20^{m}16\overset{s}{.}98$ |
| Dec (J2000.0) | +02°57′51″.8 |
| $r_{25}$ | 57″.2 |
| PA | 36°.5 |
| $M_{3.6\mu m}$(AB) | -20.895 |
| $d$ | 30.60 Mpc (4) |
| $v_c$ | 168 km s$^{-1}$ (14) |
| Mean $z_{c1}$ | 16″.5 |
| Mean $z_{c2}$ | 52″.9 |
| Mean $z_u$ | 52″.9 |

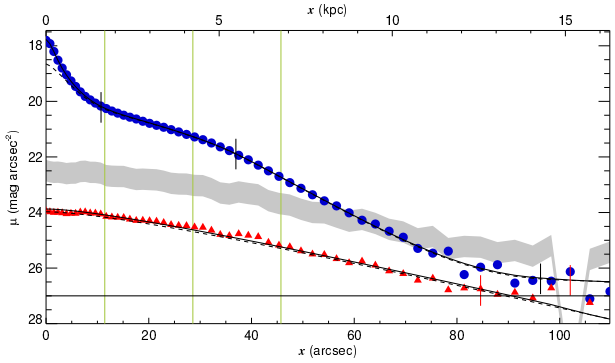



| CMC properties |
|---|
| $r_{CMC}$ = 0″.60 |
| $n$ = 1.21 |

| Total profile |
|---|
| Type III+II+III |
| $h_1$ = 3″.0 |
| $h_2$ = 20″.3 |
| $h_3$ = 10″.5 |
| $h_4$ = 143″.1 |
| $r_{12}$ = 10″.7 |
| $r_{23}$ = 33″.9 |
| $r_{34}$ = 93″.3 |

| Thin disc profile |
|---|
| Type III+II+III |
| $h_1$ = 3″.3 |
| $h_2$ = 17″.0 |
| $h_3$ = 9″.7 |
| $h_4$ = 116″.4 |
| $r_{12}$ = 10″.7 |
| $r_{23}$ = 37″.0 |
| $r_{34}$ = 96″.3 |

| Thick disc profile |
|---|
| Type I |
| $h_1$ = 23″.8 |

| Component masses |
|---|
| $\mathcal{M}_g \sim 0$ |
| $\mathcal{M}_t = 20.73 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_T = 6.29 \times 10^9\ \mathcal{M}_\odot$ |
| $\mathcal{M}_{CMC} = 8.77 \times 10^9\ \mathcal{M}_\odot$ |

| Disc scale-heights |
|---|
| $z_t$ = 3″.0 |
| $z_T$ = 16″.7 |