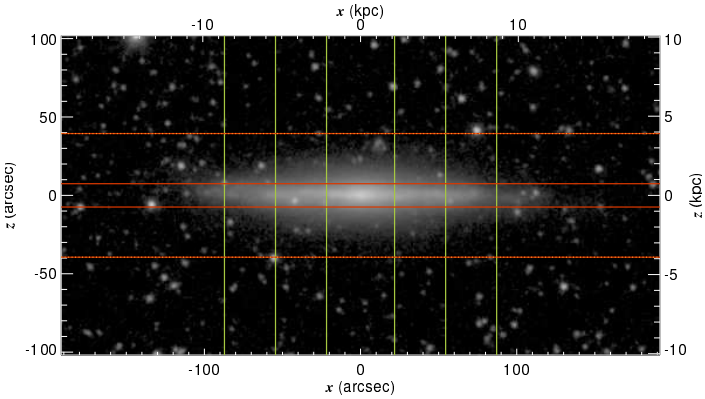
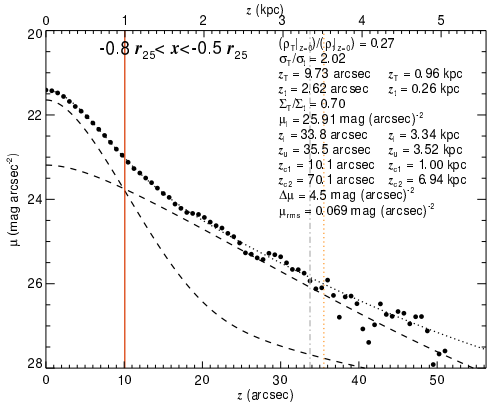
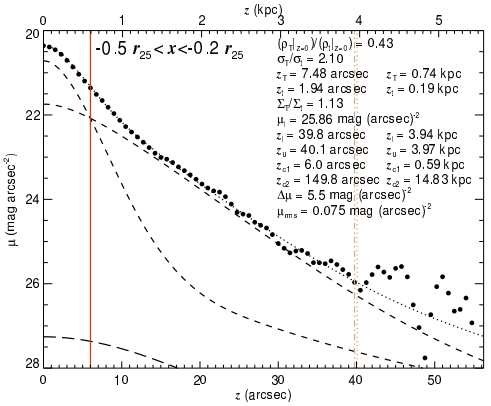
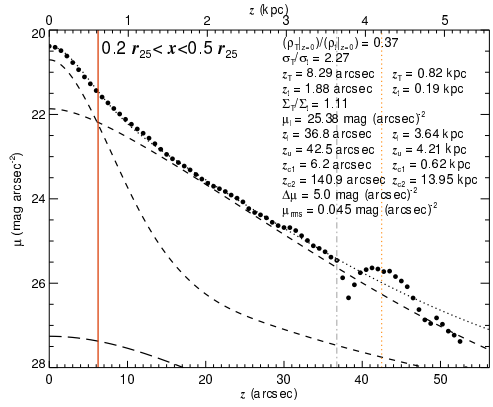


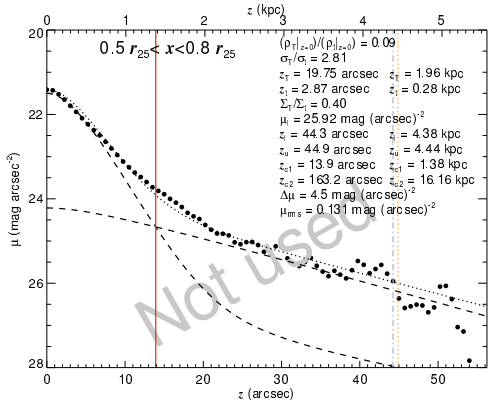
ESO 440-27

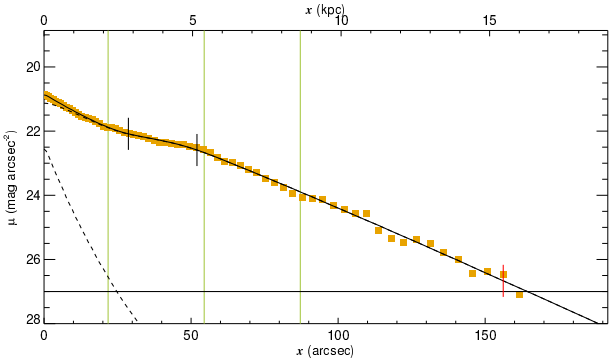
RA (J2000.0)	$11^{h}53^{m}24\overset{s}{.}06$
Dec (J2000.0)	$-28°33'11\overset{''}{.}4$
r_{25}	$108\overset{''}{.}9$
PA	79°7
$M_{3.6\mu m}$(AB)	-19.643
d	20.42 Mpc (2)
v_c	132 km s^{-1} (3)
Mean z_{c1}	$7\overset{''}{.}4$
Mean z_{c2}	$39\overset{''}{.}4$
Mean z_u	$39\overset{''}{.}4$

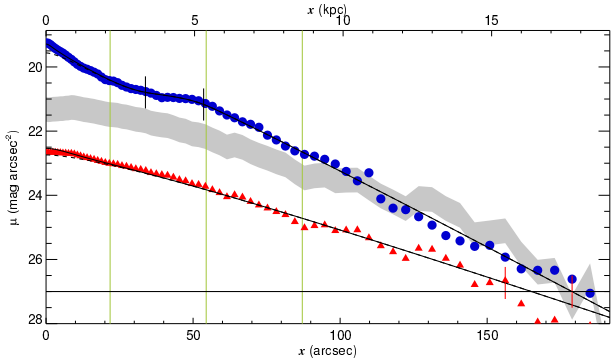












CMC properties
r_{CMC} = $1\overset{''}{.}22$
n = 1.58

Total profile
Type III+II
h_1 = $12\overset{''}{.}6$
h_2 = $79\overset{''}{.}5$
h_3 = $24\overset{''}{.}5$
r_{12} = $28\overset{''}{.}7$
r_{23} = $52\overset{''}{.}0$

Thin disc profile
Type III+II
h_1 = $12\overset{''}{.}9$
h_2 = $-1095\overset{''}{.}2$
h_3 = $21\overset{''}{.}2$
r_{12} = $33\overset{''}{.}8$
r_{23} = $53\overset{''}{.}6$

Thick disc profile
Type I
h_1 = $32\overset{''}{.}9$

Component masses
$\mathcal{M}_g = 11.15 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 5.40 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 5.57 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 0.56 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
z_t = $2\overset{''}{.}1$
z_T = $8\overset{''}{.}5$