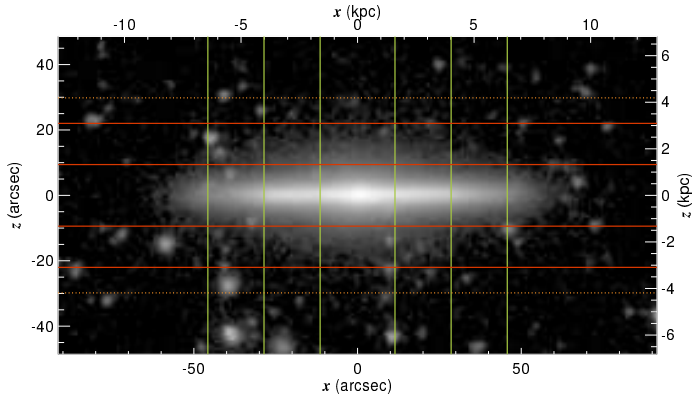
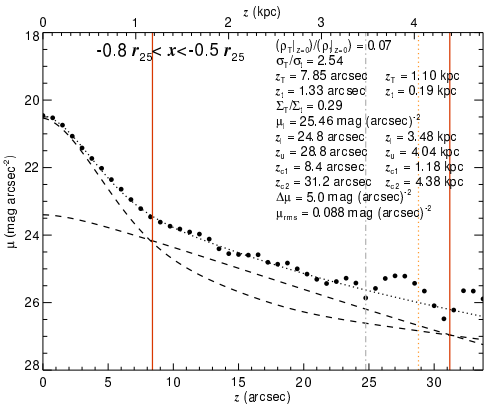
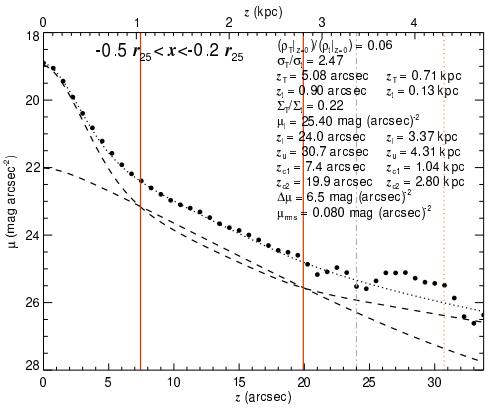
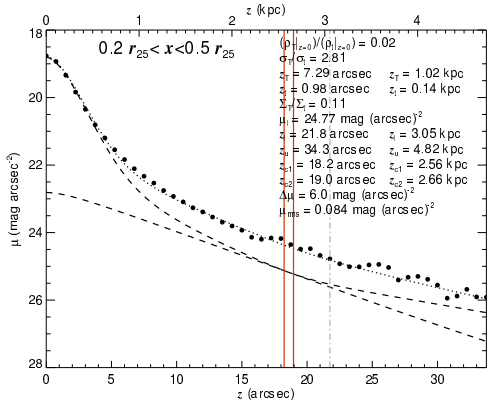


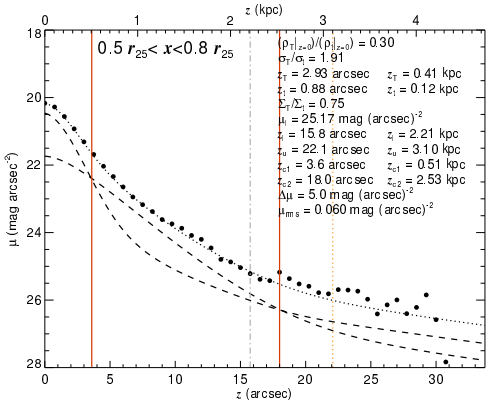
IC 610

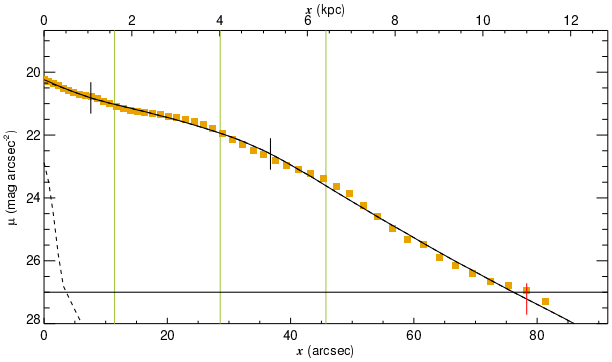
RA (J2000.0)	$10^{h}26^{m}28\overset{s}{.}37$
Dec (J2000.0)	$+20°13'41\overset{''}{.}5$
r_{25}	$57\overset{''}{.}2$
PA	29°0
$M_{3.6\mu m}$(AB)	-20.057
d	28.97 Mpc (2)
v_c	152 km s^{-1} (3)
Mean z_{c1}	$9\overset{''}{.}4$
Mean z_{c2}	$22\overset{''}{.}0$
Mean z_u	$29\overset{''}{.}8$

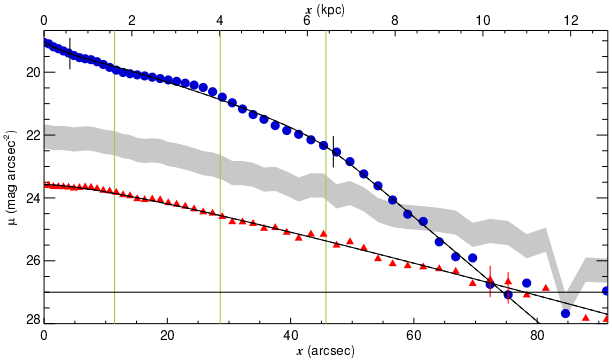












CMC properties
$r_{CMC} = 0\overset{''}{.}40$
$n = 0.19$

Total profile
Type III+II
$h_1 = 4\overset{''}{.}5$
$h_2 = 17\overset{''}{.}9$
$h_3 = 8\overset{''}{.}0$
$r_{12} = 7\overset{''}{.}6$
$r_{23} = 36\overset{''}{.}7$

Thin disc profile
Type III+II
$h_1 = 3\overset{''}{.}7$
$h_2 = 14\overset{''}{.}3$
$h_3 = 6\overset{''}{.}3$
$r_{12} = 4\overset{''}{.}2$
$r_{23} = 46\overset{''}{.}9$

Thick disc profile
Type I
$h_1 = 18\overset{''}{.}8$

Component masses
$\mathcal{M}_g = 1.12 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 12.78 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 2.95 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 0.18 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 1\overset{''}{.}0$
$z_T = 5\overset{''}{.}8$