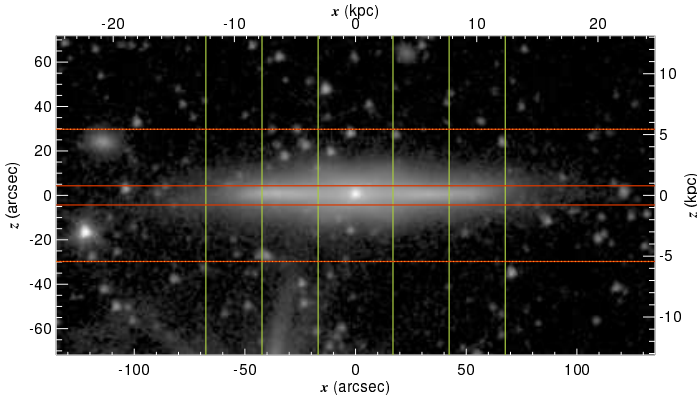
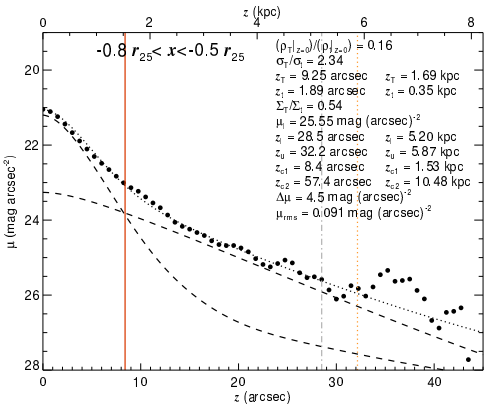
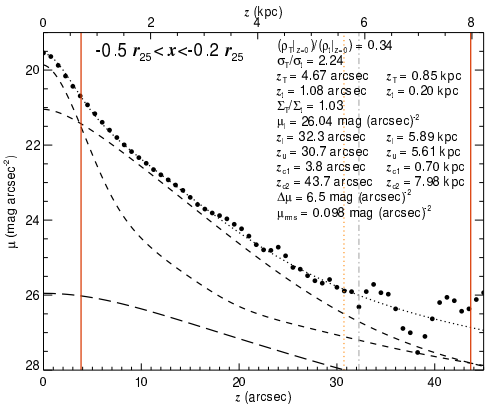
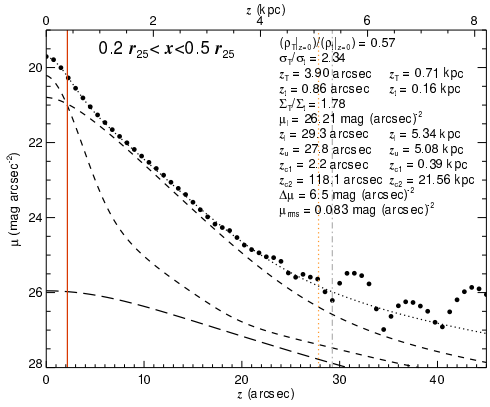
ESO 443-42

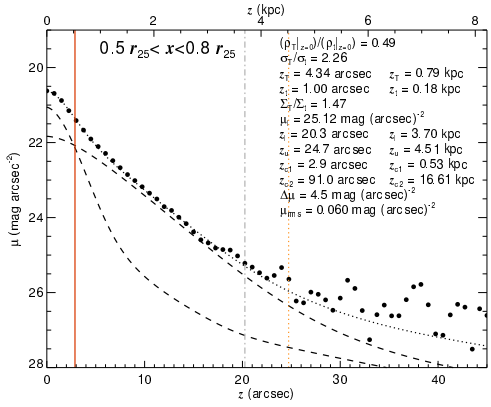


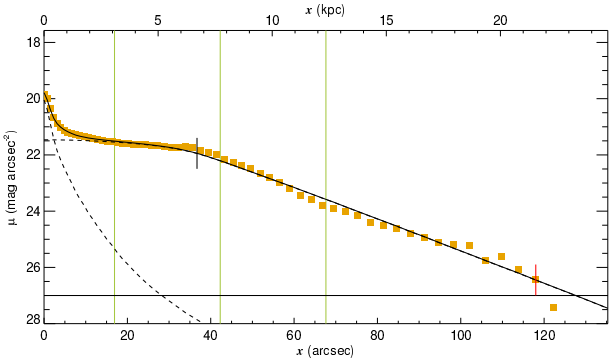
RA (J2000.0)	$13^{h}03^{m}29^{s}.73$
Dec (J2000.0)	$-29°49'43''.6$
r_{25}	$84''.6$
PA	$127°.7$
$M_{3.6\mu m}$(AB)	-20.736
d	37.67 Mpc (2)
v_c	183 km s^{-1} (3)
Mean z_{c1}	$4''.3$
Mean z_{c2}	$29''.8$
Mean z_u	$29''.8$

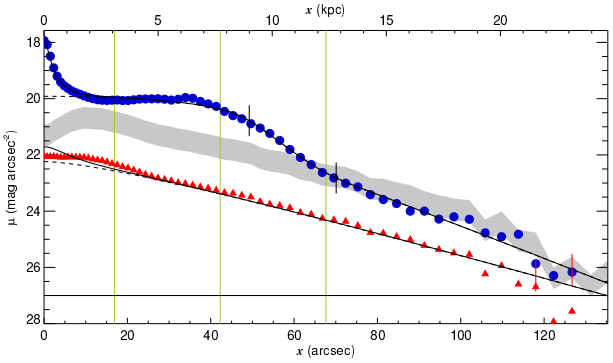












CMC properties
$r_{CMC} = 0''.08$
$n = 2.41$

Total profile
Type II
$h_1 = 316''.2$
$h_2 = 17''.1$
$r_{12} = 36''.7$

Thin disc profile
Type II+III
$h_1 = -6621''.6$
$h_2 = 8''.3$
$h_3 = 17''.6$
$r_{12} = 49''.2$
$r_{23} = 70''.1$

Thick disc profile
Type I
$h_1 = 24''.5$

Component masses
$\mathcal{M}_g = 6.90 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 11.75 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 14.18 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 6.23 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 1''.2$
$z_T = 5''.5$