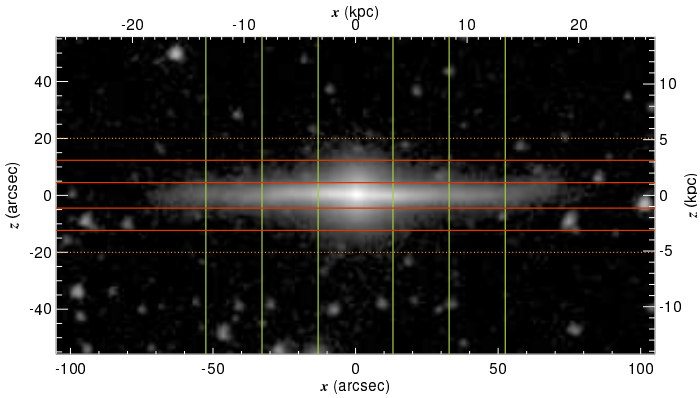
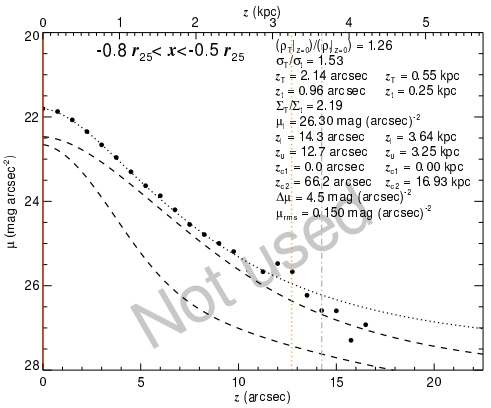
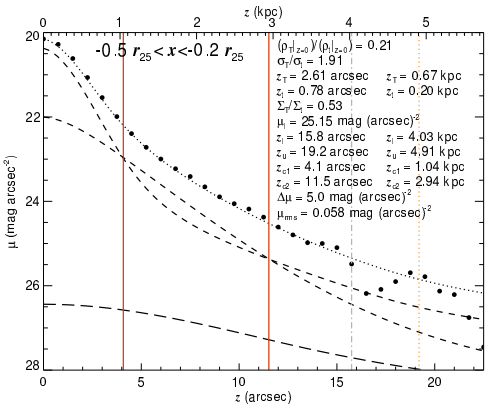
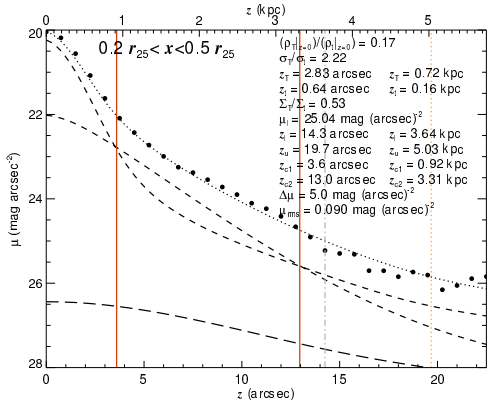
UGC 10043

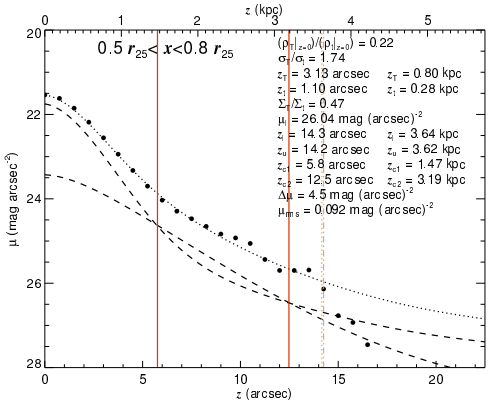


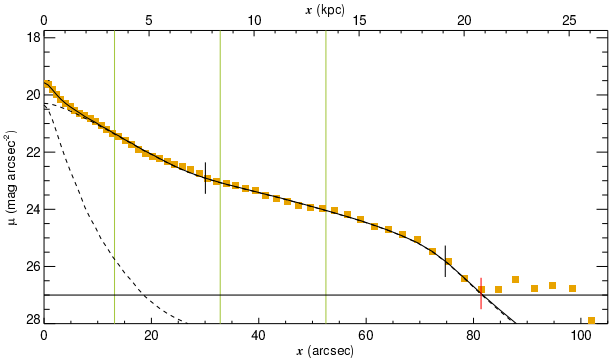
RA (J2000.0)	$15^{h}48^{m}41\overset{s}{.}21$
Dec (J2000.0)	$+21°52'09\overset{''}{.}8$
r_{25}	$65\overset{''}{.}6$
PA	150°5
$M_{3.6\mu m}$(AB)	-20.916
d	52.72 Mpc (2)
v_c	160 km s^{-1} (3)
Mean z_{c1}	$4\overset{''}{.}5$
Mean z_{c2}	$12\overset{''}{.}3$
Mean z_u	$20\overset{''}{.}0$

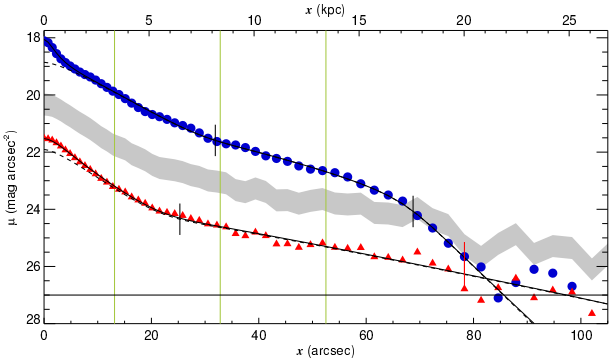












CMC properties
$r_{CMC} = 0\overset{''}{.}75$
$n = 1.30$

Total profile
Type III+II
$h_1 = 7\overset{''}{.}3$
$h_2 = 20\overset{''}{.}8$
$h_3 = 4\overset{''}{.}6$
$r_{12} = 30\overset{''}{.}1$
$r_{23} = 74\overset{''}{.}7$

Thin disc profile
Type III+II
$h_1 = 8\overset{''}{.}0$
$h_2 = 20\overset{''}{.}0$
$h_3 = 5\overset{''}{.}8$
$r_{12} = 31\overset{''}{.}9$
$r_{23} = 68\overset{''}{.}7$

Thick disc profile
Type III
$h_1 = 6\overset{''}{.}2$
$h_2 = 24\overset{''}{.}8$
$r_{12} = 25\overset{''}{.}3$

Component masses
$\mathcal{M}_g = 32.43 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 19.78 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 10.29 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 6.69 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 0\overset{''}{.}8$
$z_T = 2\overset{''}{.}9$