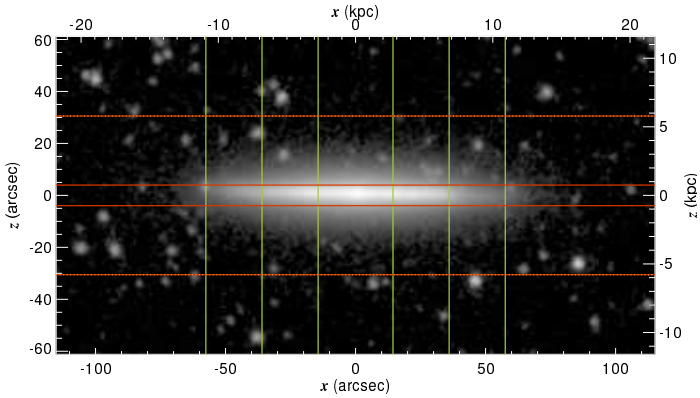
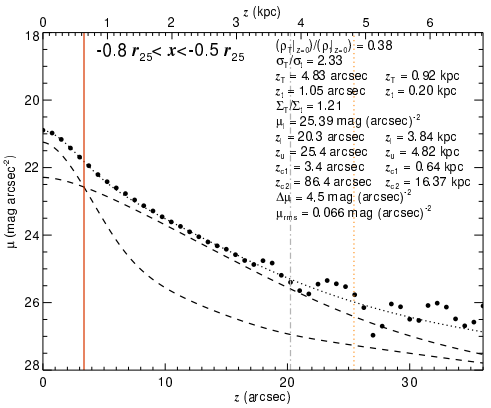
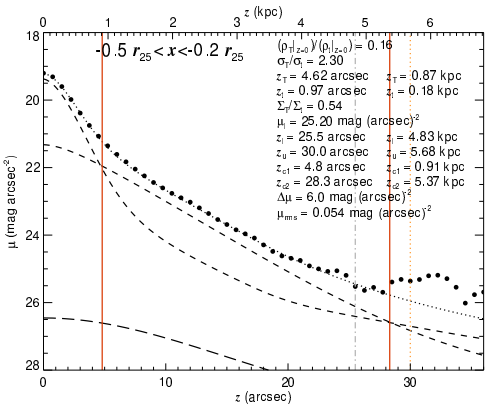
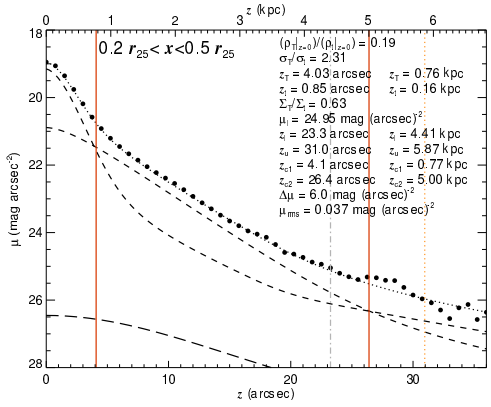
UGC 8737

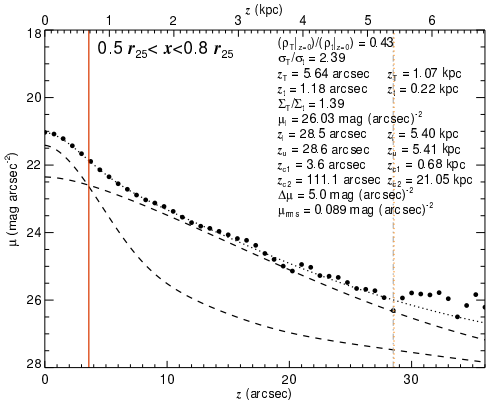


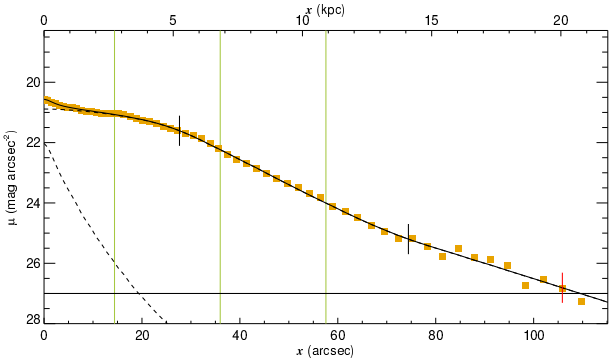
RA (J2000.0)	$13^{h}48^{m}16\overset{s}{.}68$
Dec (J2000.0)	+68°05′06″.0
r_{25}	72″.0
PA	150°.7
$M_{3.6\mu m}$(AB)	-20.825
d	39.08 Mpc (2)
v_c	168 km s^{-1} (3)
Mean z_{c1}	4″.0
Mean z_{c2}	30″.5
Mean z_u	30″.5

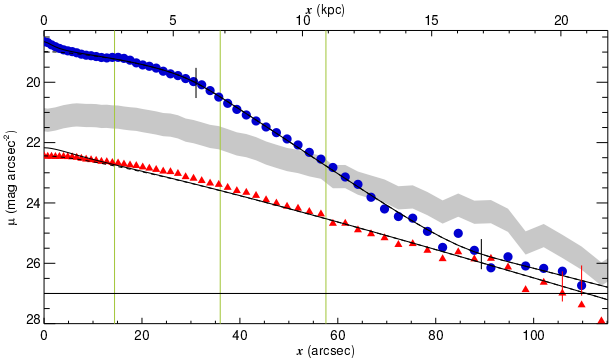












CMC properties
r_{CMC} = 0″.59
n = 1.70

Total profile
Type II+III
h_1 = 50″.5
h_2 = 11″.1
h_3 = 19″.2
r_{12} = 27″.7
r_{23} = 74″.4

Thin disc profile
Type II+III
h_1 = 35″.8
h_2 = 9″.3
h_3 = 23″.7
r_{12} = 31″.0
r_{23} = 89″.3

Thick disc profile
Type I
h_1 = 20″.8

Component masses
$\mathcal{M}_g = 1.73 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 18.80 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 13.20 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 1.69 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
z_t = 1″.0
z_T = 4″.8