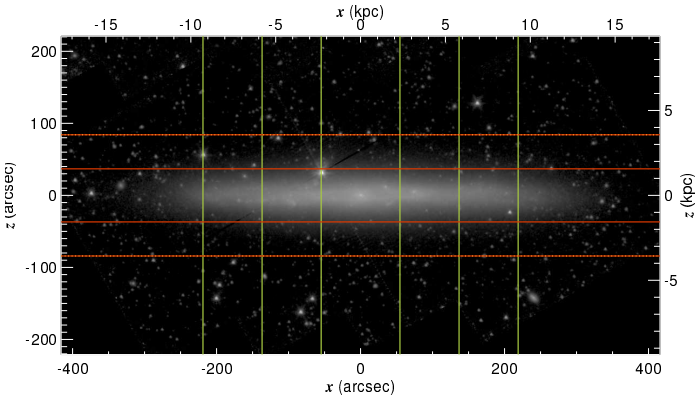
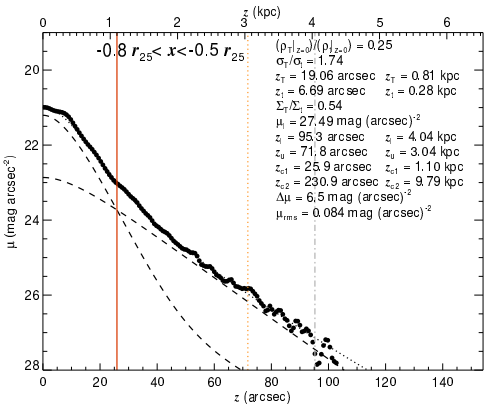
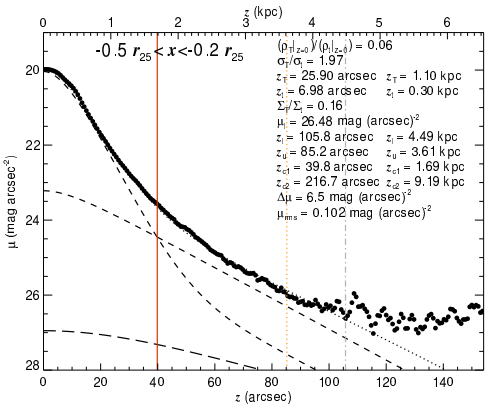
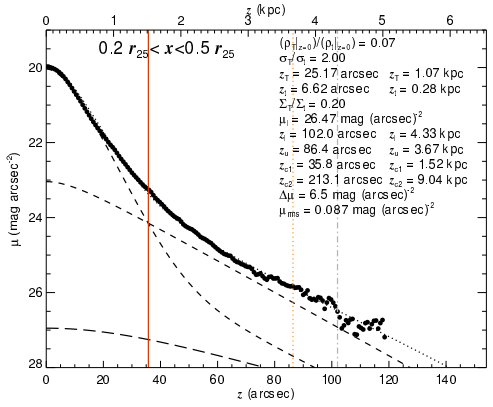
NGC 4437

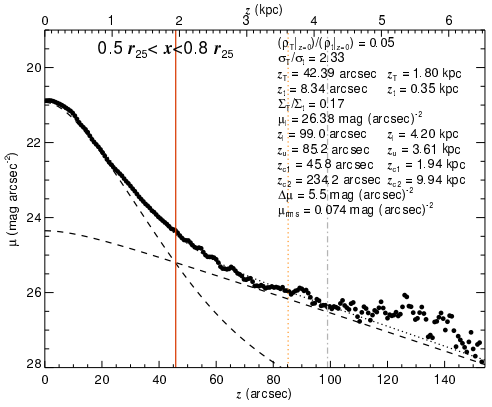


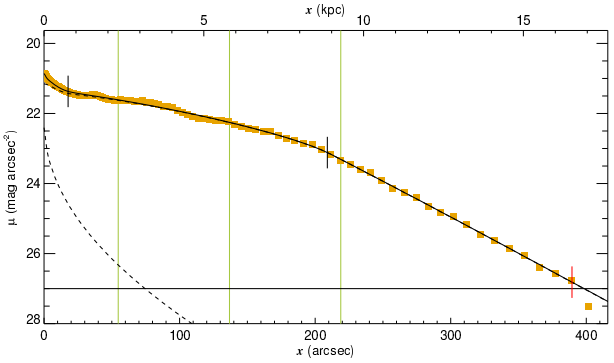
RA (J2000.0)	$12^{h}32^{m}45\overset{s}{.}59$
Dec (J2000.0)	+00°06′54″.1
r_{25}	273″.6
PA	82°.4
$M_{3.6\mu m}$(AB)	-19.802
d	8.75 Mpc (2)
v_c	149 km s^{-1} (3)
Mean z_{c1}	36″.8
Mean z_{c2}	84″.1
Mean z_u	84″.1

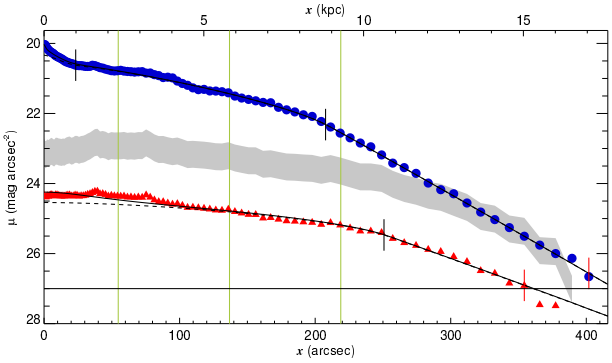












CMC properties
r_{CMC} = 0″.03
n = 3.49

Total profile
Type III+II
h_1 = 9″.7
h_2 = 111″.6
h_3 = 48″.8
r_{12} = 17″.7
r_{23} = 209″.0

Thin disc profile
Type III+II
h_1 = 15″.7
h_2 = 110″.8
h_3 = 46″.1
r_{12} = 23″.4
r_{23} = 207″.7

Thick disc profile
Type II
h_1 = 377″.1
h_2 = 70″.1
r_{12} = 250″.8

Component masses
$\mathcal{M}_g = 4.56 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 10.00 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 2.23 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 0.38 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
z_t = 7″.2
z_T = 28″.1