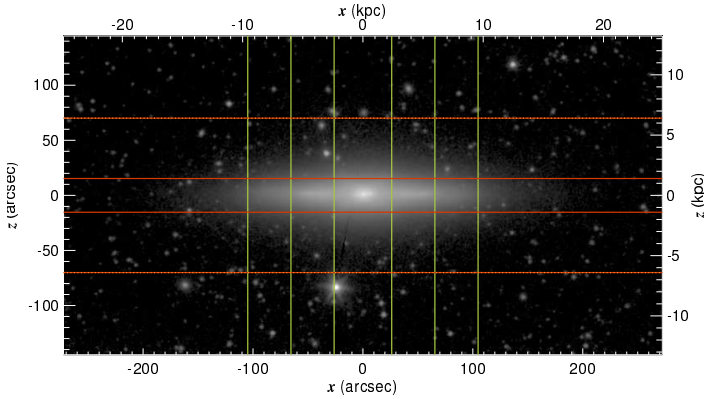
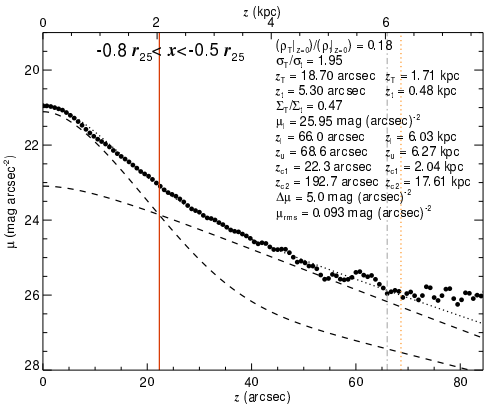
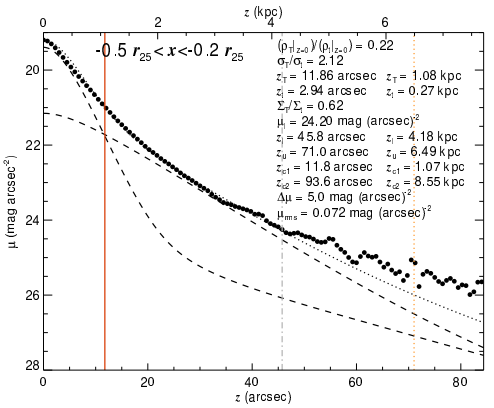
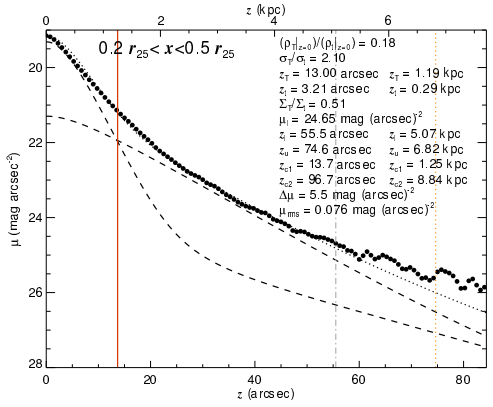


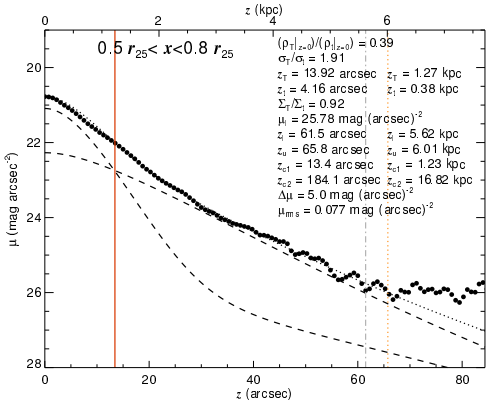
NGC 4710

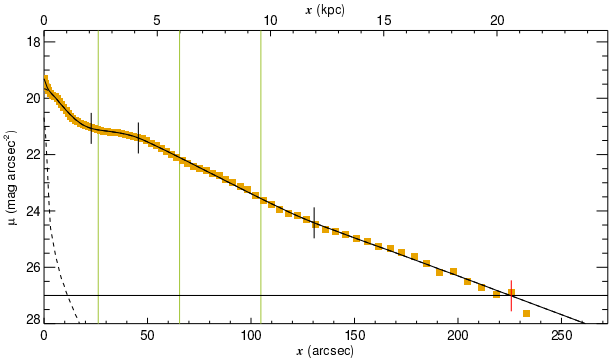
RA (J2000.0)	$12^{h}49^{m}38\overset{s}{.}83$
Dec (J2000.0)	+15°09′55″.6
r_{25}	131″.0
PA	27°.5
$M_{3.6\mu m}$(AB)	-21.128
d	18.85 Mpc (5)
v_c	150 km s^{-1} (13)
Mean z_{c1}	15″.3
Mean z_{c2}	70″.1
Mean z_u	70″.1

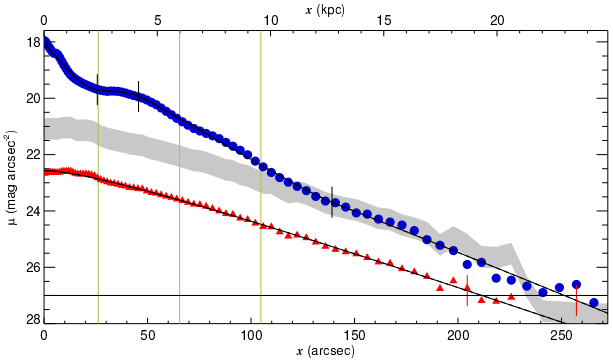












CMC properties
r_{CMC} = 0″.12
n = 0.58

Total profile
Type III+II+III
h_1 = 6″.3
h_2 = −204″.6
h_3 = 24″.4
h_4 = 36″.7
r_{12} = 22″.8
r_{23} = 45″.6
r_{34} = 130″.5

Thin disc profile
Type III+II+III
h_1 = 7″.1
h_2 = −60″.2
h_3 = 22″.4
h_4 = 34″.0
r_{12} = 25″.7
r_{23} = 45″.6
r_{34} = 139″.1

Thick disc profile
Type I
h_1 = 40″.8

Component masses
$\mathcal{M}_g = 0.21 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 26.92 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 15.80 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 1.40 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
z_t = 3″.9
z_T = 14″.4