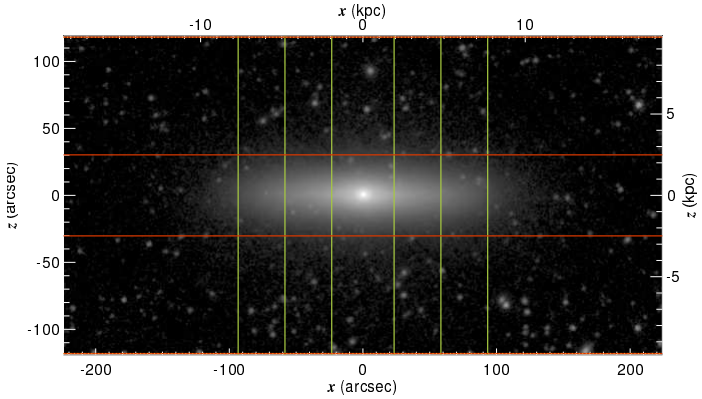
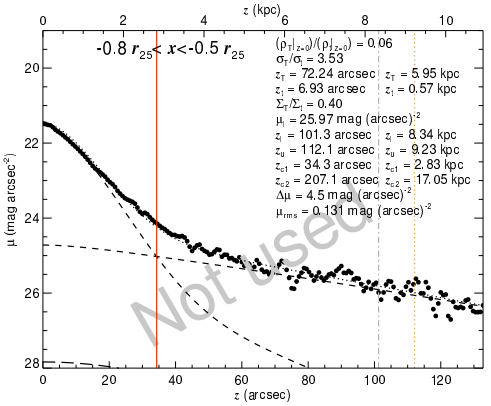
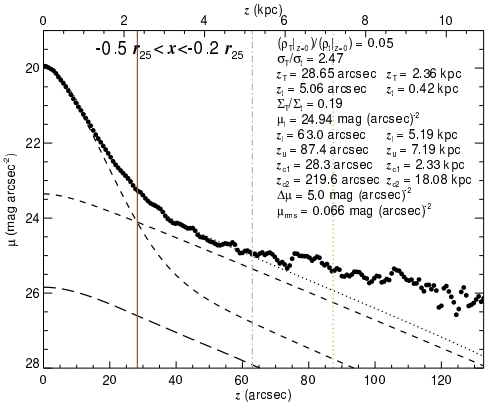
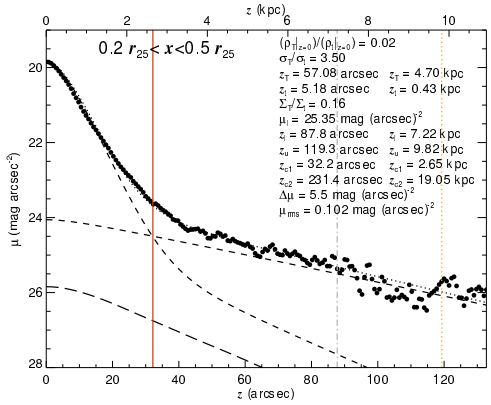


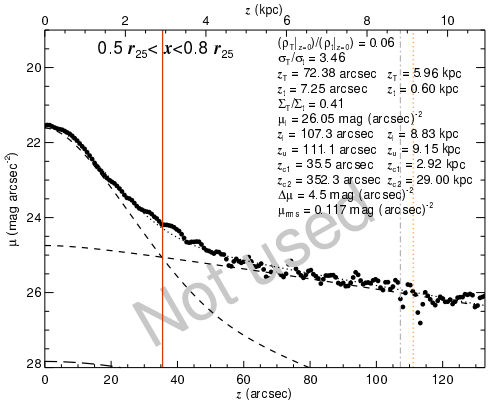
NGC 4570

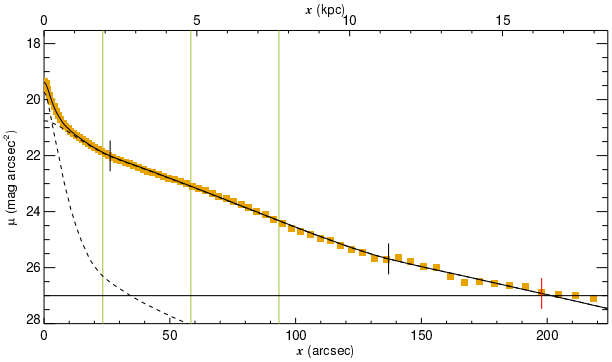
RA (J2000.0)	$12^{h}36^{m}53\overset{s}{.}40$
Dec (J2000.0)	$+07°14'47\overset{''}{.}9$
r_{25}	$116\overset{''}{.}7$
PA	159°.5
$M_{3.6\mu m}$(AB)	-20.754
d	16.98 Mpc (2)
v_c	162 km s^{-1} (19)
Mean z_{c1}	$30\overset{''}{.}2$
Mean z_{c2}	$118\overset{''}{.}1$
Mean z_u	$118\overset{''}{.}1$

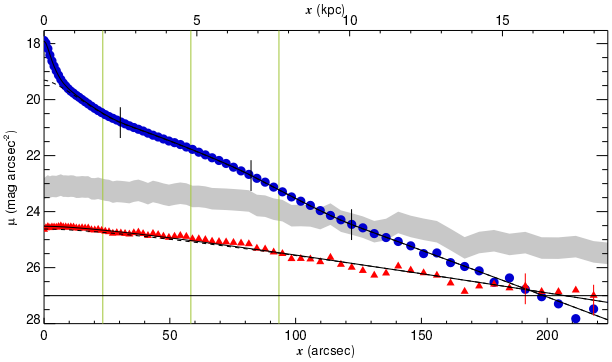












CMC properties
r_{CMC} = 1″.20
n = 1.16

Total profile
Type III+III
h_1 = 10″.4
h_2 = 25″.3
h_3 = 48″.3
r_{12} = 26″.3
r_{23} = 136″.9

Thin disc profile
Type III+II+III
h_1 = 11″.4
h_2 = 26″.5
h_3 = 20″.0
h_4 = 30″.0
r_{12} = 30″.3
r_{23} = 82″.3
r_{34} = 122″.2

Thick disc profile
Type I
h_1 = 67″.2

Component masses
$\mathcal{M}_g \sim 0$
$\mathcal{M}_t = 19.17 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 3.43 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 8.65 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
z_t = 5″.1
z_T = 42″.9