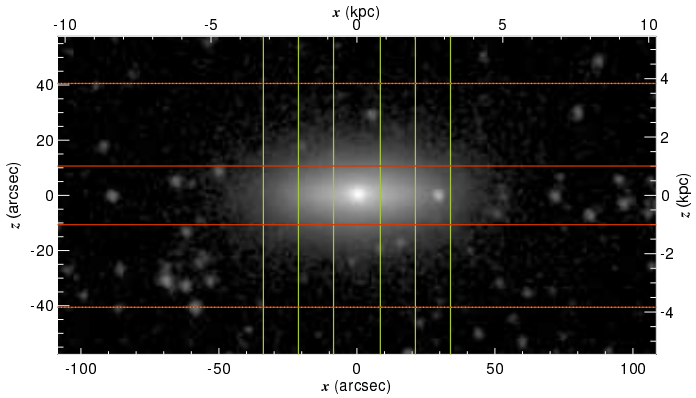
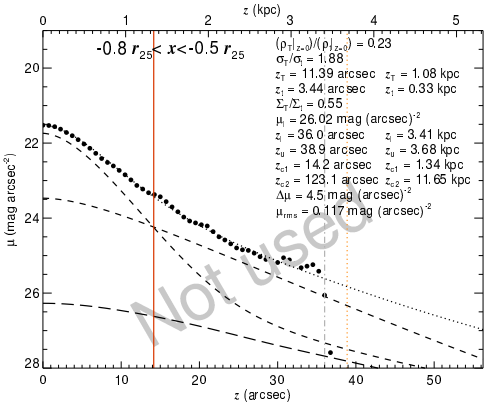
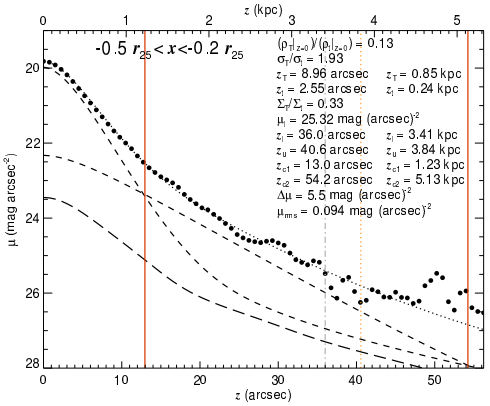
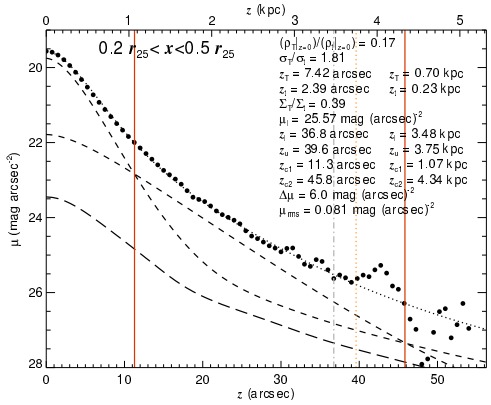


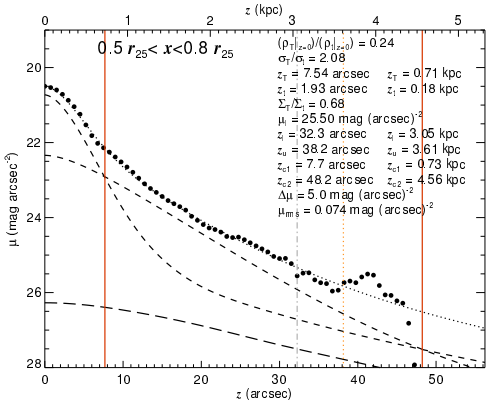
NGC 3838

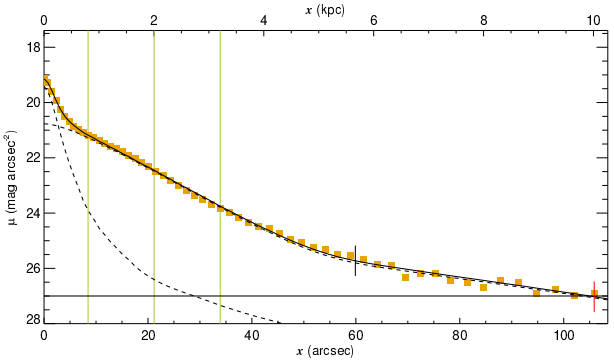
RA (J2000.0)	$11^{h}44^{m}13\overset{s}{.}76$
Dec (J2000.0)	$+57°56'53\overset{''}{.}6$
r_{25}	$42\overset{''}{.}4$
PA	138°.9
$M_{3.6\mu m}$(AB)	-19.401
d	19.51 Mpc (5)
v_c	124 km s^{-1} (19)
Mean z_{c1}	$10\overset{''}{.}6$
Mean z_{c2}	$40\overset{''}{.}6$
Mean z_u	$40\overset{''}{.}6$

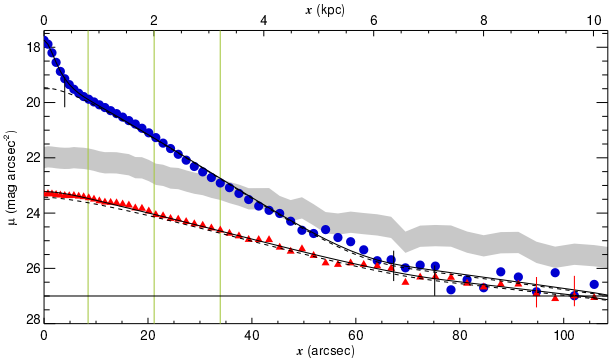












CMC properties
$r_{CMC} = 0\overset{''}{.}73$
$n = 1.19$

Total profile
Type III
$h_1 = 8\overset{''}{.}6$
$h_2 = 37\overset{''}{.}3$
$r_{12} = 59\overset{''}{.}9$

Thin disc profile
Type II+III
$h_1 = 15\overset{''}{.}4$
$h_2 = 8\overset{''}{.}2$
$h_3 = 36\overset{''}{.}0$
$r_{12} = 4\overset{''}{.}0$
$r_{23} = 67\overset{''}{.}3$

Thick disc profile
Type III
$h_1 = 17\overset{''}{.}4$
$h_2 = 42\overset{''}{.}5$
$r_{12} = 75\overset{''}{.}2$

Component masses
$\mathcal{M}_g \sim 0$
$\mathcal{M}_t = 3.89 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 1.62 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 3.81 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 2\overset{''}{.}3$
$z_T = 8\overset{''}{.}0$