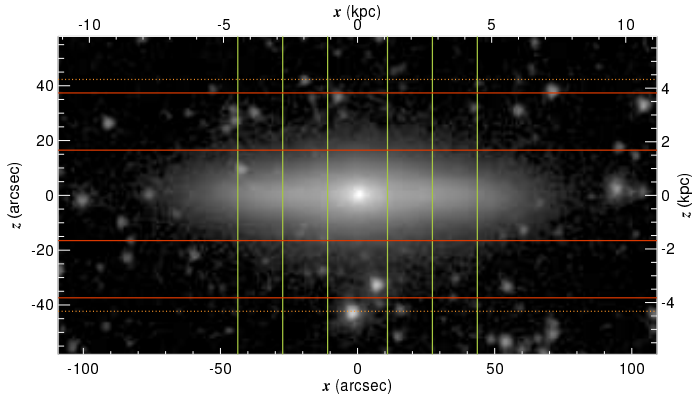
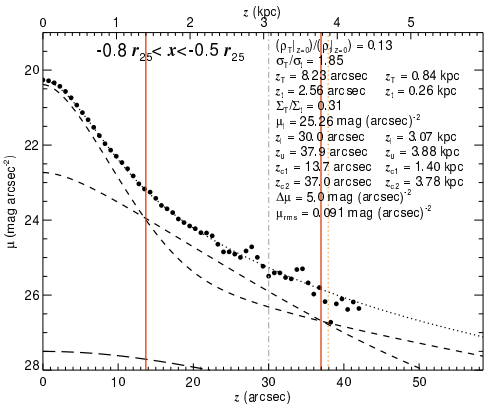
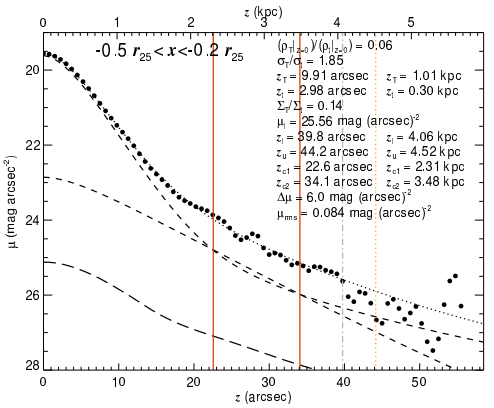
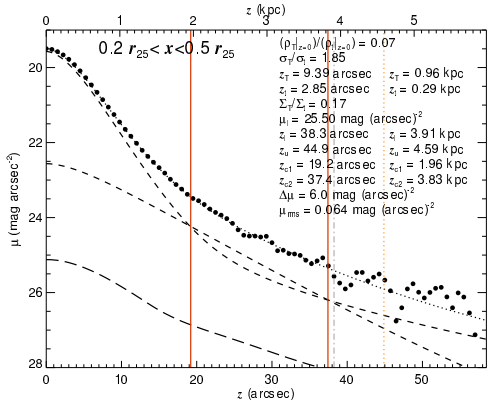
NGC 6010

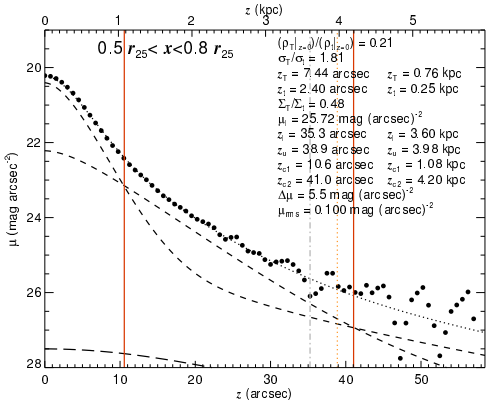


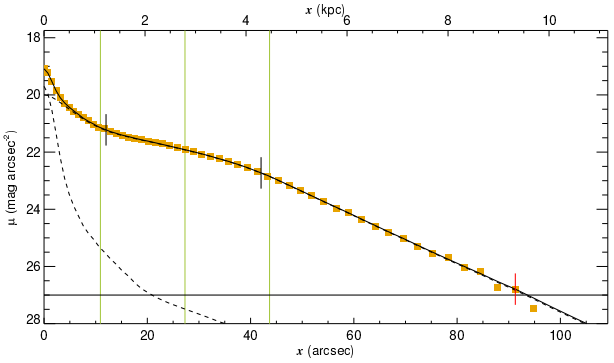
RA (J2000.0)	$15^{h}54^{m}19\overset{s}{.}15$
Dec (J2000.0)	$+00°32'35\overset{''}{.}0$
r_{25}	$54\overset{''}{.}6$
PA	$103°.3$
$M_{3.6\mu m}$(AB)	-20.053
d	21.09 Mpc (2)
v_c	158 km s^{-1} (3)
Mean z_{c1}	$16\overset{''}{.}5$
Mean z_{c2}	$37\overset{''}{.}4$
Mean z_u	$42\overset{''}{.}3$

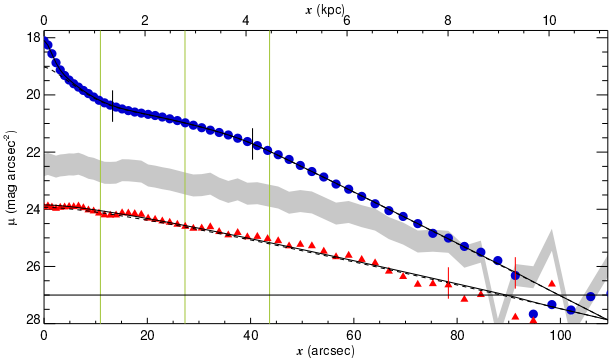












CMC properties
$r_{CMC} = 0\overset{''}{.}61$
$n = 1.03$

Total profile
Type III+II
$h_1 = 3\overset{''}{.}8$
$h_2 = 23\overset{''}{.}3$
$h_3 = 11\overset{''}{.}0$
$r_{12} = 12\overset{''}{.}0$
$r_{23} = 42\overset{''}{.}0$

Thin disc profile
Type III+II
$h_1 = 4\overset{''}{.}5$
$h_2 = 24\overset{''}{.}2$
$h_3 = 11\overset{''}{.}2$
$r_{12} = 13\overset{''}{.}3$
$r_{23} = 40\overset{''}{.}4$

Thick disc profile
Type I
$h_1 = 23\overset{''}{.}3$

Component masses
$\mathcal{M}_g = 0.25 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 10.73 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 2.43 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 3.09 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 2\overset{''}{.}7$
$z_T = 8\overset{''}{.}7$