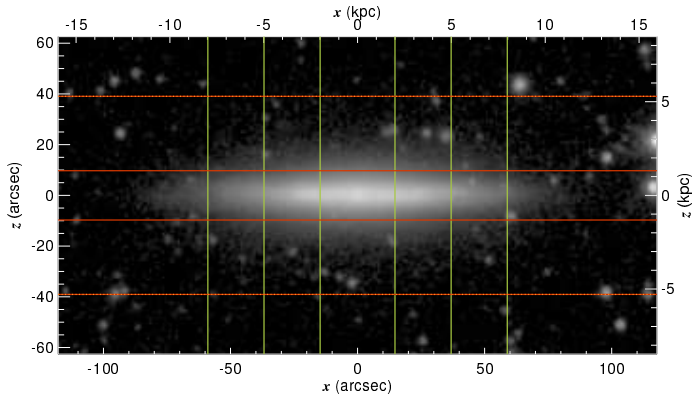
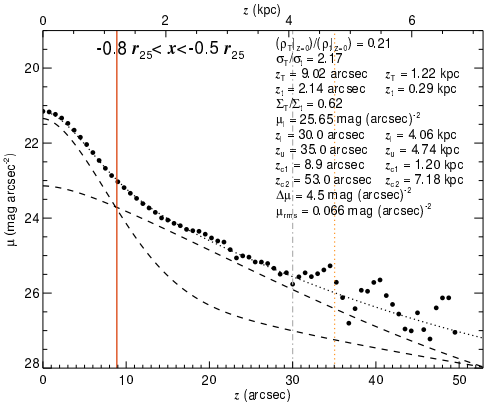
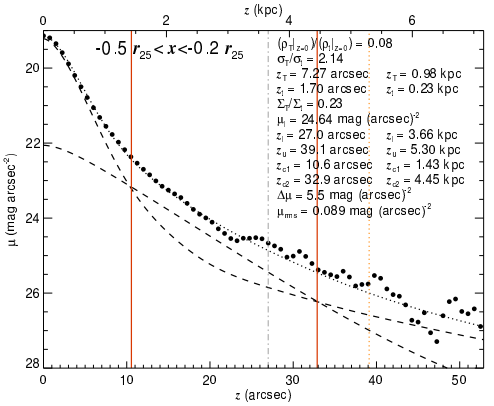
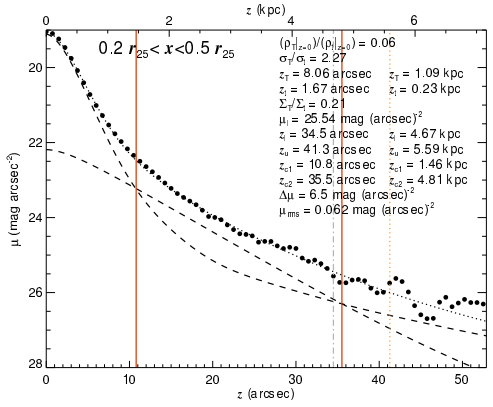
NGC 4316

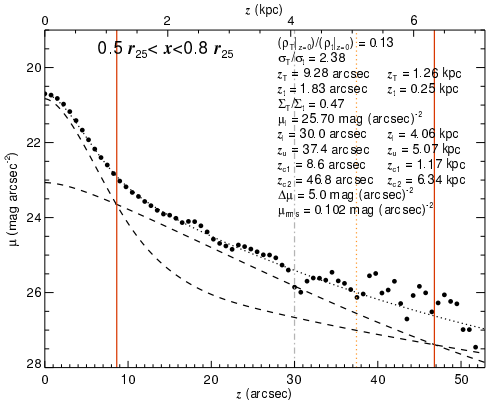


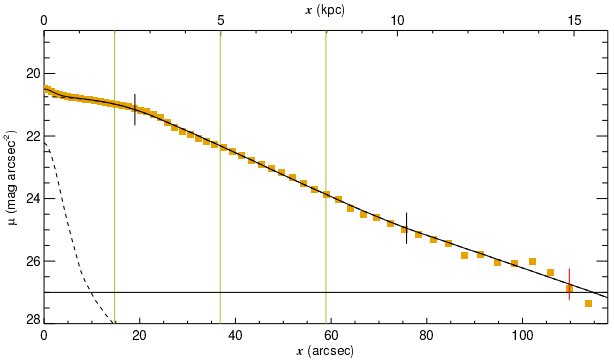
RA (J2000.0)	$12^{h}22^{m}42\overset{s}{.}24$
Dec (J2000.0)	$+09°19'56\overset{''}{.}9$
r_{25}	$73\overset{''}{.}6$
PA	$112°.1$
$M_{3.6\mu m}$(AB)	-20.468
d	27.93 Mpc (2)
v_c	152 km s^{-1} (3)
Mean z_{c1}	$9\overset{''}{.}7$
Mean z_{c2}	$39\overset{''}{.}1$
Mean z_u	$39\overset{''}{.}1$

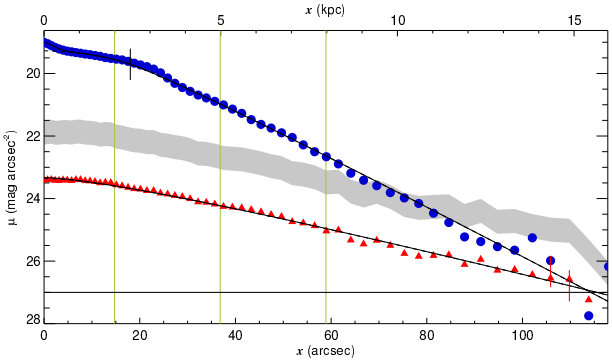












CMC properties
$r_{CMC} = 1\overset{''}{.}61$
$n = 0.81$

Total profile
Type II+III
$h_1 = 70\overset{''}{.}5$
$h_2 = 12\overset{''}{.}9$
$h_3 = 18\overset{''}{.}5$
$r_{12} = 19\overset{''}{.}0$
$r_{23} = 75\overset{''}{.}8$

Thin disc profile
Type II
$h_1 = 55\overset{''}{.}0$
$h_2 = 12\overset{''}{.}8$
$r_{12} = 18\overset{''}{.}0$

Thick disc profile
Type I
$h_1 = 26\overset{''}{.}3$

Component masses
$\mathcal{M}_g = 2.20 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 17.82 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 4.92 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 0.68 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 1\overset{''}{.}8$
$z_T = 8\overset{''}{.}4$