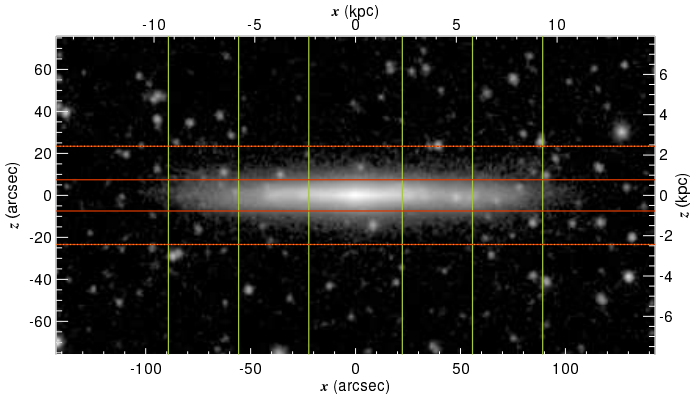
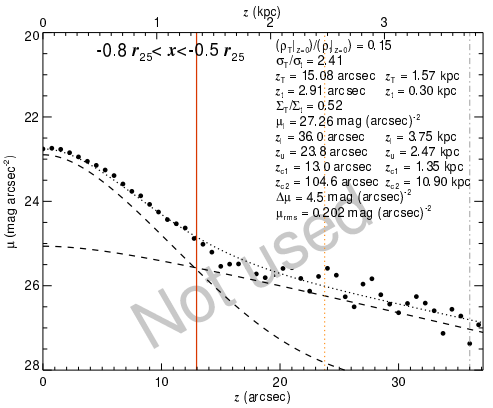
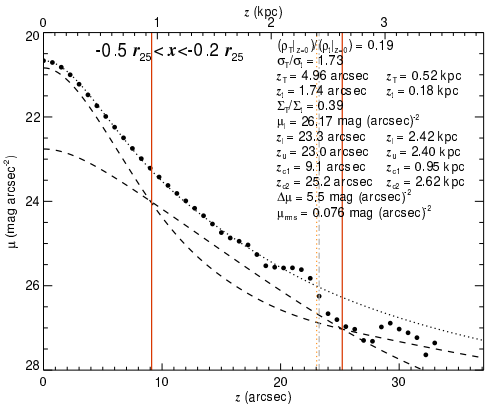
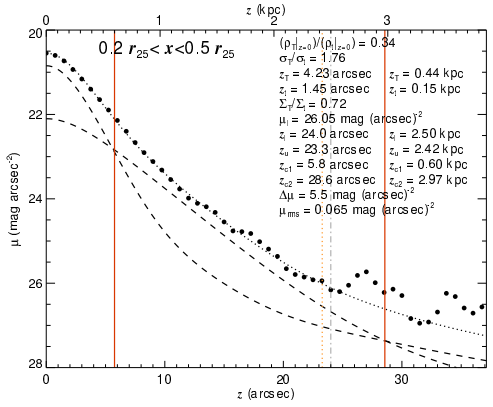
PGC 44358

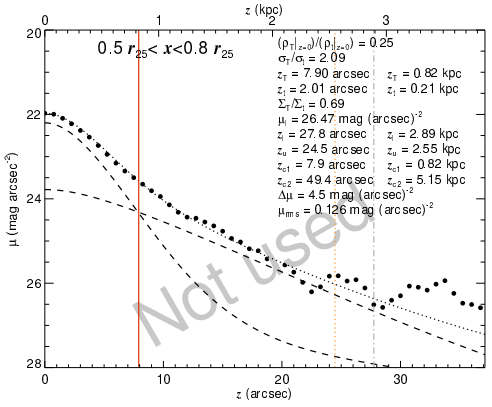


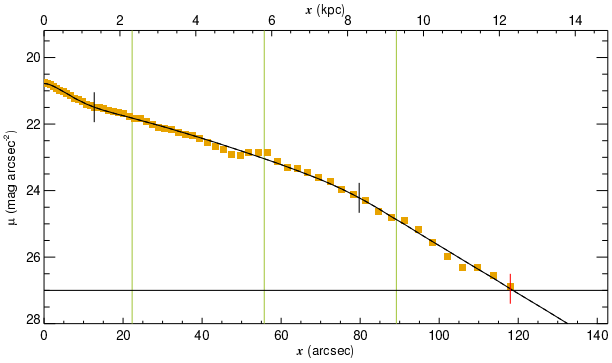
RA (J2000.0)	$12^{h}57^{m}46\overset{s}{.}83$
Dec (J2000.0)	$-09°38'01\overset{''}{.}5$
r_{25}	$111\overset{''}{.}5$
PA	$117\overset{\circ}{.}7$
$M_{3.6\mu m}$(AB)	-19.059
d	21.48 Mpc (2)
v_c	120 km s^{-1} (3)
Mean z_{c1}	$7\overset{''}{.}4$
Mean z_{c2}	$23\overset{''}{.}4$
Mean z_u	$23\overset{''}{.}4$

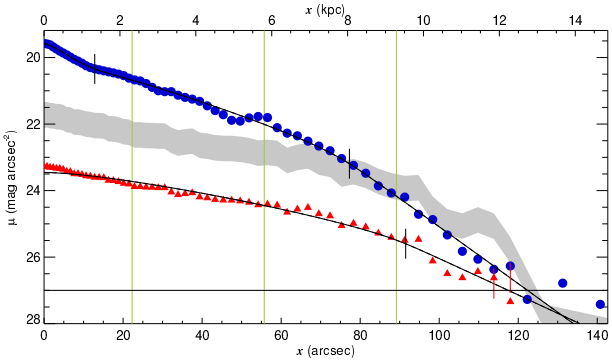












CMC properties
No CMC

Total profile
Type III+II
h_1 = 6.″0
h_2 = 24.″3
h_3 = 13.″7
r_{12} = 12.″7
r_{23} = 79.″8

Thin disc profile
Type III+II
h_1 = 6.″5
h_2 = 22.″9
h_3 = 12.″1
r_{12} = 12.″8
r_{23} = 77.″3

Thick disc profile
Type II
h_1 = 38.″8
h_2 = 18.″4
r_{12} = 91.″5

Component masses
$\mathcal{M}_g = 5.14 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 4.22 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 2.30 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} \sim 0$

Disc scale-heights
z_t = 1.″6
z_T = 4.″6