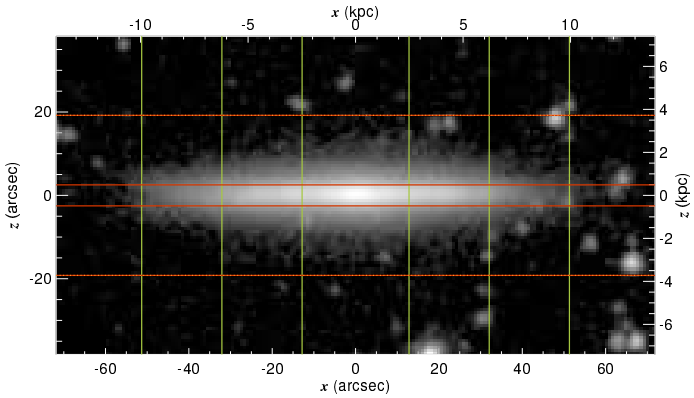
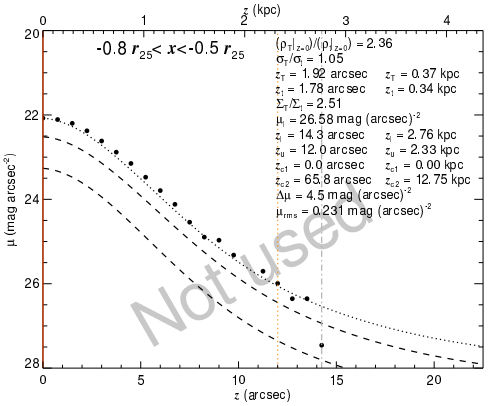
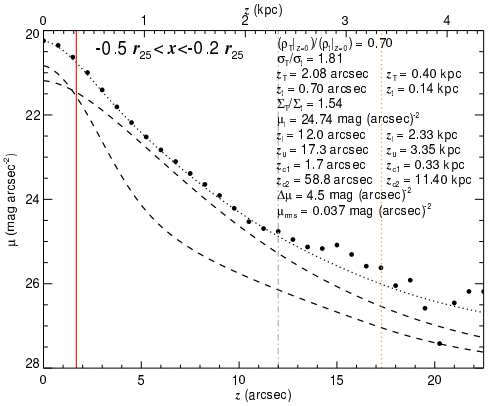
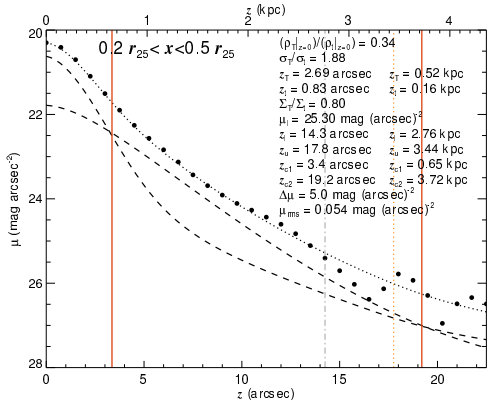
ESO 346-1

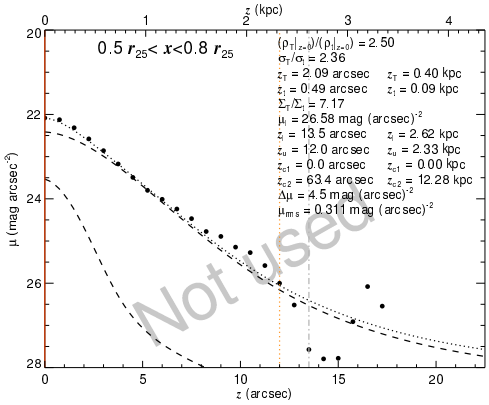


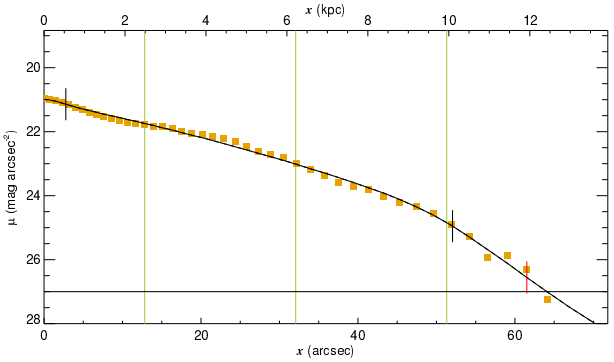
RA (J2000.0)	$22^{h}48^{m}33\overset{s}{.}84$
Dec (J2000.0)	$-39°38'56\overset{''}{.}4$
r_{25}	$64\overset{''}{.}1$
PA	$64°3$
$M_{3.6\mu m}$(AB)	-19.631
d	39.99 Mpc (2)
v_c	127 km s^{-1} (3)
Mean z_{c1}	$2\overset{''}{.}5$
Mean z_{c2}	$19\overset{''}{.}2$
Mean z_u	$19\overset{''}{.}2$

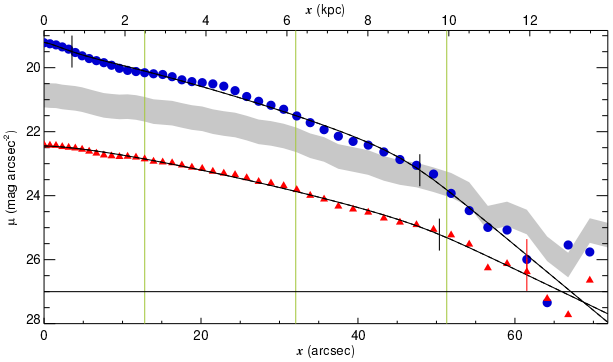












CMC properties
No CMC

Total profile
Type III+II
$h_1 = 2\overset{''}{.}5$
$h_2 = 13\overset{''}{.}3$
$h_3 = 5\overset{''}{.}1$
$r_{12} = 2\overset{''}{.}8$
$r_{23} = 52\overset{''}{.}1$

Thin disc profile
Type III+II
$h_1 = 3\overset{''}{.}0$
$h_2 = 12\overset{''}{.}7$
$h_3 = 5\overset{''}{.}1$
$r_{12} = 3\overset{''}{.}6$
$r_{23} = 47\overset{''}{.}9$

Thick disc profile
Type II
$h_1 = 16\overset{''}{.}5$
$h_2 = 8\overset{''}{.}7$
$r_{12} = 50\overset{''}{.}4$

Component masses
$\mathcal{M}_g = 3.18 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 5.37 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 6.03 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} \sim 0$

Disc scale-heights
$z_t = 0\overset{''}{.}8$
$z_T = 2\overset{''}{.}4$