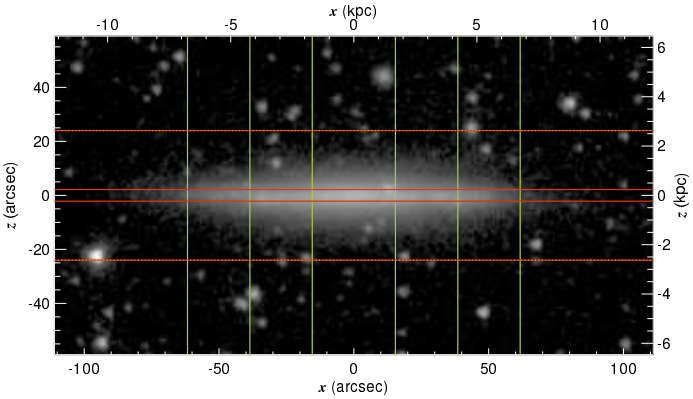
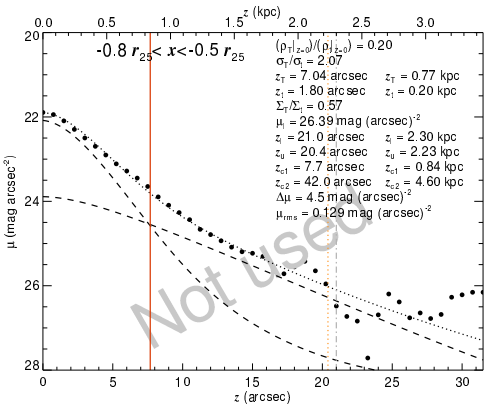
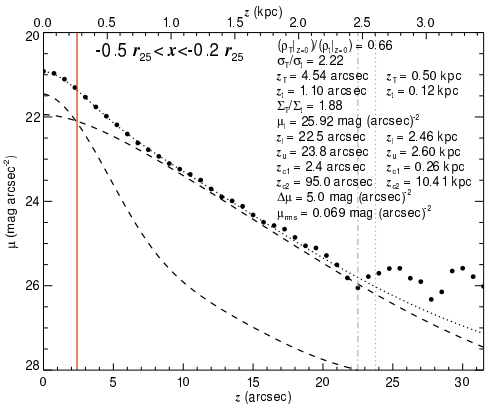
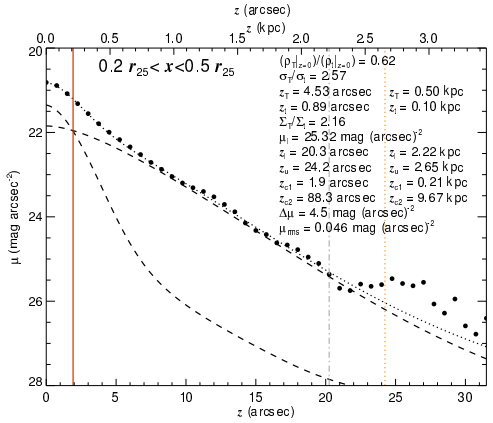
IC 1197

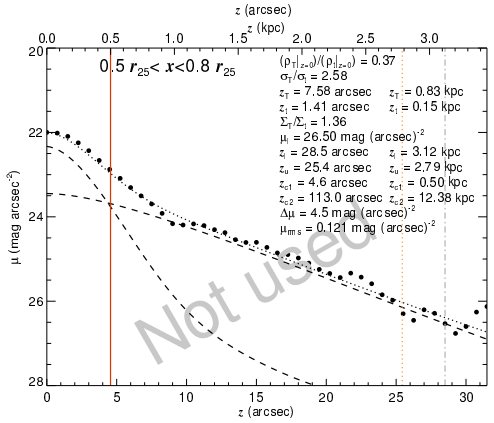


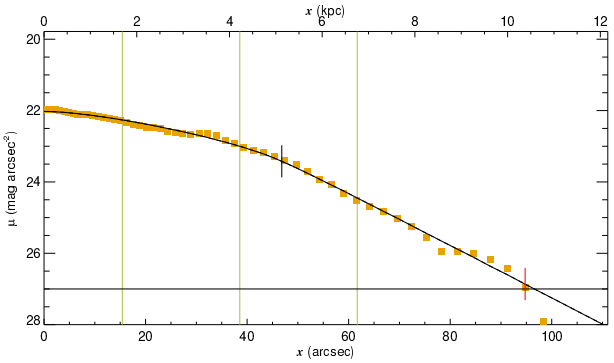
RA (J2000.0)	$16^{h}08^{m}17\overset{s}{.}27$
Dec (J2000.0)	$+07°32'18\overset{''}{.}6$
r_{25}	$77\overset{''}{.}1$
PA	$56°.4$
$M_{3.6\mu m}$(AB)	-18.479
d	22.59 Mpc (2)
v_c	99 km s^{-1} (3)
Mean z_{c1}	$2\overset{''}{.}2$
Mean z_{c2}	$24\overset{''}{.}0$
Mean z_u	$24\overset{''}{.}0$

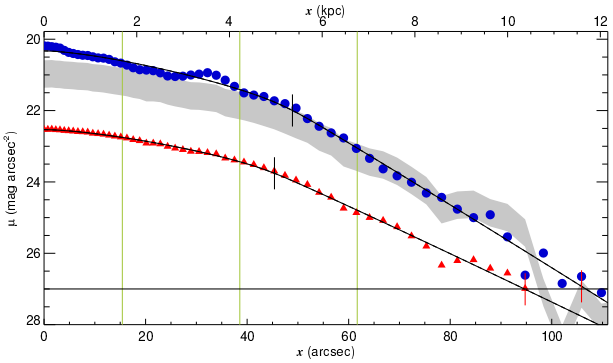












CMC properties
No CMC

Total profile
Type II
$h_1 = 30\overset{''}{.}5$
$h_2 = 13\overset{''}{.}4$
$r_{12} = 46\overset{''}{.}8$

Thin disc profile
Type II
$h_1 = 27\overset{''}{.}7$
$h_2 = 11\overset{''}{.}6$
$r_{12} = 48\overset{''}{.}9$

Thick disc profile
Type II
$h_1 = 34\overset{''}{.}2$
$h_2 = 14\overset{''}{.}8$
$r_{12} = 45\overset{''}{.}4$

Component masses
$\mathcal{M}_g = 2.51 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 1.34 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 2.71 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} \sim 0$

Disc scale-heights
$z_t = 1\overset{''}{.}0$
$z_T = 4\overset{''}{.}5$