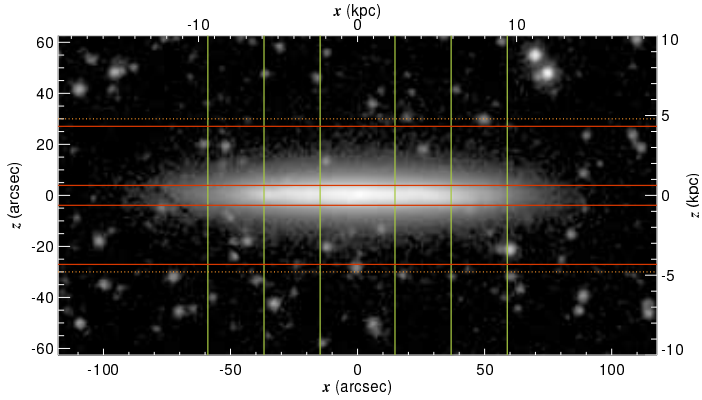
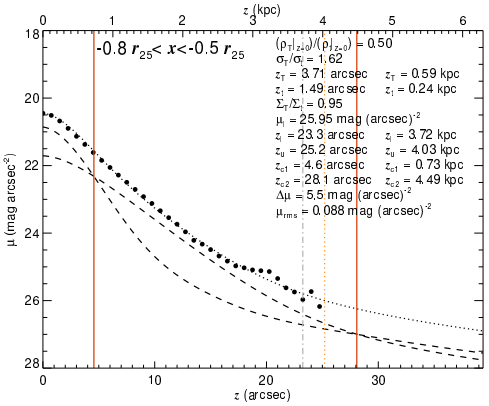
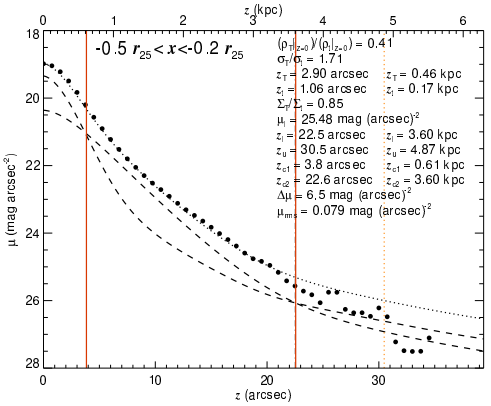
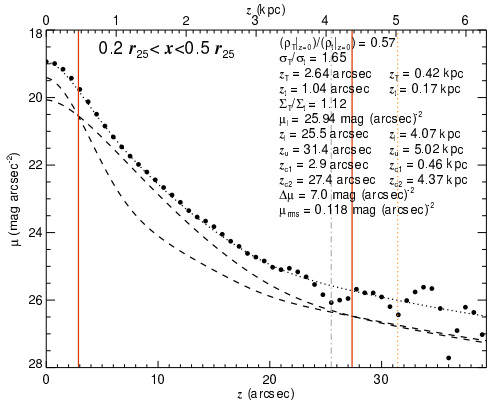


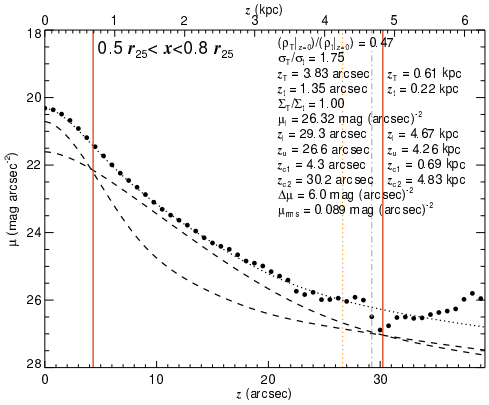
NGC 3279

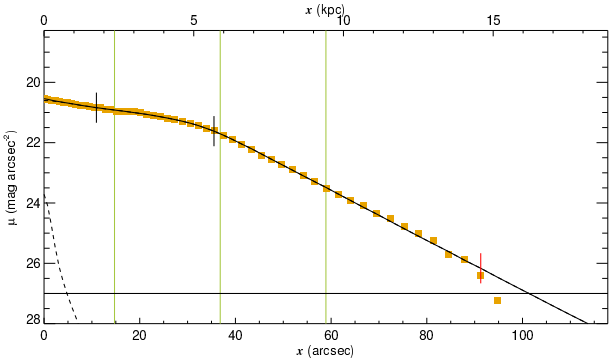
RA (J2000.0)	$10^{h}34^{m}42\overset{s}{.}80$
Dec (J2000.0)	$+11°11'50\overset{''}{.}5$
r_{25}	$73\overset{''}{.}6$
PA	152°0
$M_{3.6\mu m}$(AB)	-20.738
d	32.96 Mpc (2)
v_c	174 km s^{-1} (3)
Mean z_{c1}	$3\overset{''}{.}9$
Mean z_{c2}	$27\overset{''}{.}1$
Mean z_u	$30\overset{''}{.}0$

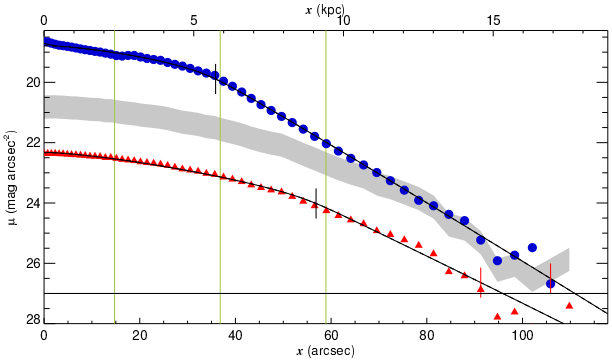












CMC properties
r_{CMC} = 0$\overset{''}{.}$15
n = 1.88

Total profile Type III+II
h_1 = 11$\overset{''}{.}$1
h_2 = 59$\overset{''}{.}$3
h_3 = 11$\overset{''}{.}$5
r_{12} = 10$\overset{''}{.}$9
r_{23} = 35$\overset{''}{.}$5

Thin disc profile Type II
h_1 = 36$\overset{''}{.}$1
h_2 = 10$\overset{''}{.}$6
r_{12} = 35$\overset{''}{.}$9

Thick disc profile Type II
h_1 = 32$\overset{''}{.}$1
h_2 = 13$\overset{''}{.}$0
r_{12} = 56$\overset{''}{.}$8

Component masses
$\mathcal{M}_g = 3.37 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 15.80 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 15.47 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 0.14 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
z_t = 1$\overset{''}{.}$2
z_T = 3$\overset{''}{.}$3