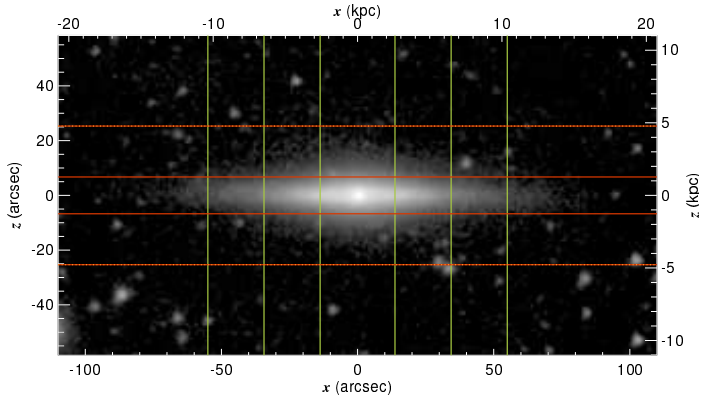
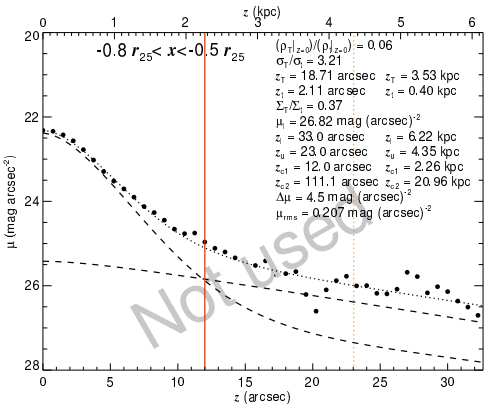
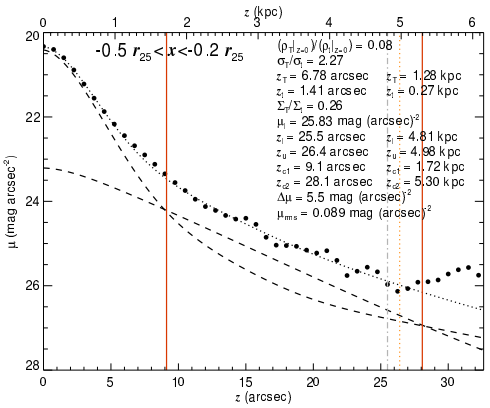
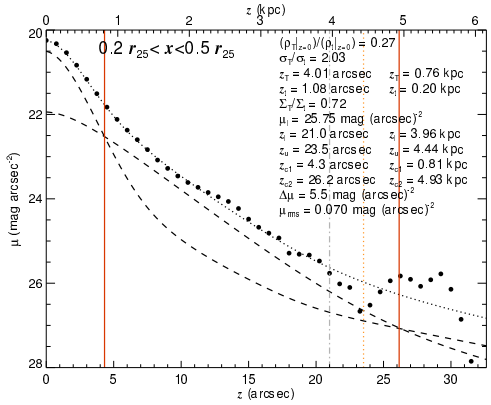


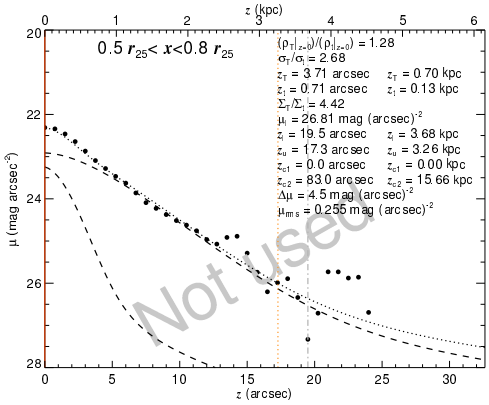
NGC 1163

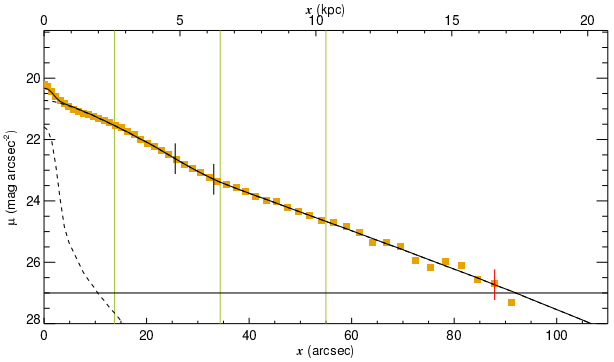
RA (J2000.0)	$03^{h}00^{m}22^{s}09$
Dec (J2000.0)	$-17°09'09''.1$
r_{25}	$68''.7$
PA	143°
$M_{3.6\mu m}$(AB)	-20.165
d	38.90 Mpc (2)
v_c	146 km s^{-1} (3)
Mean z_{c1}	$6''.7$
Mean z_{c2}	$25''.3$
Mean z_u	$25''.3$

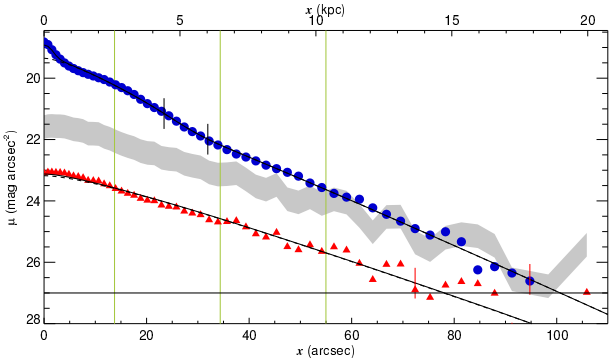












CMC properties
$r_{CMC} = 2''.10$
$n = 0.14$

Total profile
Type II+III
$h_1 = 9''.9$
$h_2 = 6''.8$
$h_3 = 15''.3$
$r_{12} = 25''.6$
$r_{23} = 33''.1$

Thin disc profile
Type II+III
$h_1 = 10''.0$
$h_2 = 7''.1$
$h_3 = 13''.6$
$r_{12} = 23''.4$
$r_{23} = 31''.9$

Thick disc profile
Type I
$h_1 = 17''.1$

Component masses
$\mathcal{M}_g = 7.57 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 11.54 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 5.35 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 1.19 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 1''.2$
$z_T = 5''.4$