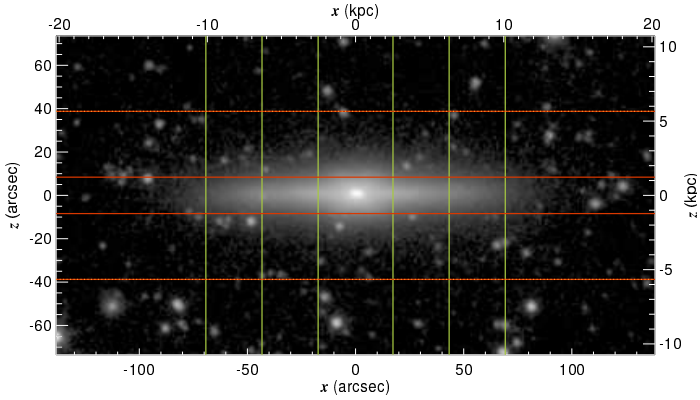
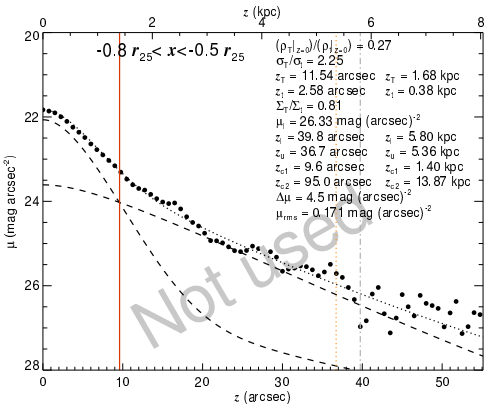
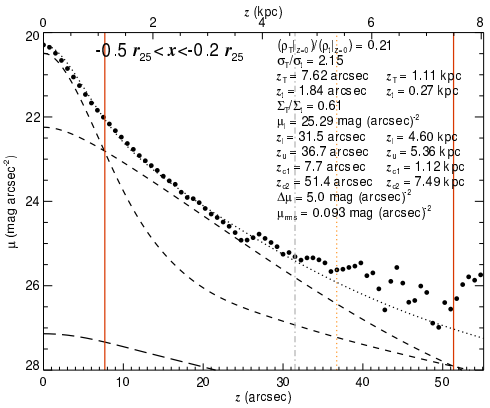
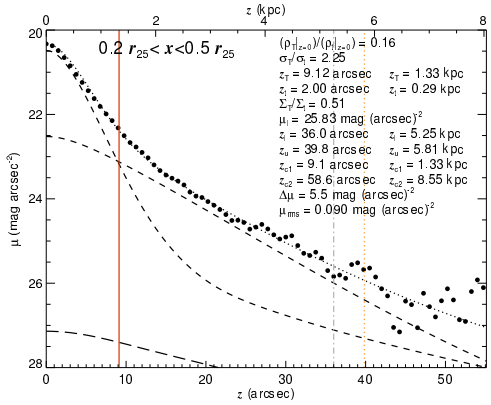


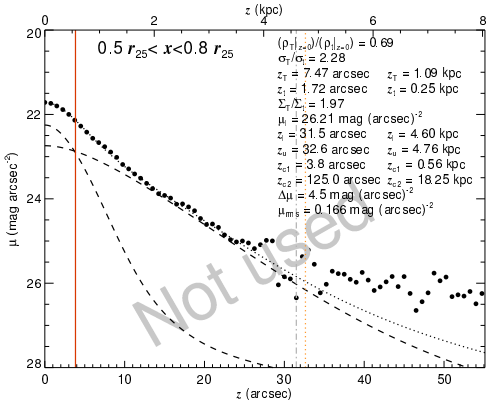
NGC 5047

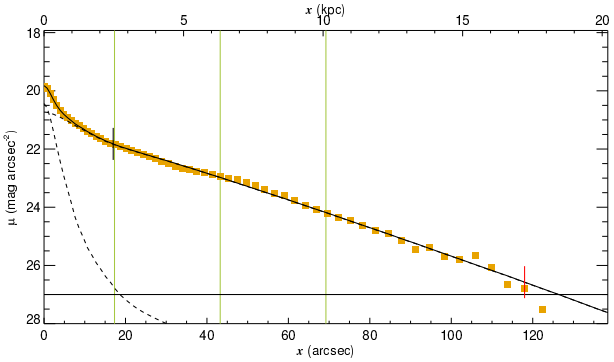
RA (J2000.0)	$13^{h}15^{m}48^{s}52$
Dec (J2000.0)	$-16°31'08''.0$
r_{25}	$86''.5$
PA	$71°.5$
$M_{3.6\mu m}$(AB)	-20.370
d	30.10 Mpc (5)
v_c	160 km s^{-1} (7)
Mean z_{c1}	$8''.4$
Mean z_{c2}	$38''.8$
Mean z_u	$38''.8$

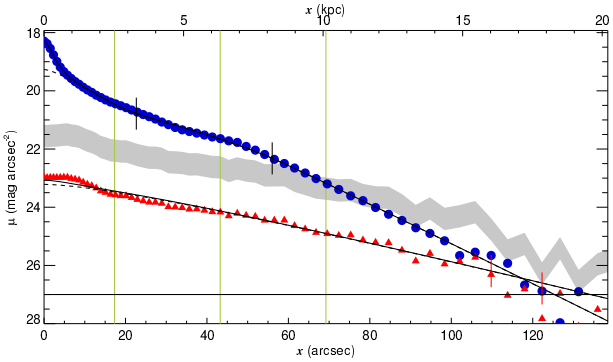












CMC properties
$r_{CMC} = 0''.94$
$n = 1.12$

Total profile
Type III
$h_1 = 7''.0$
$h_2 = 19''.7$
$r_{12} = 17''.0$

Thin disc profile
Type III+II
$h_1 = 8''.3$
$h_2 = 22''.3$
$h_3 = 14''.8$
$r_{12} = 22''.7$
$r_{23} = 56''.0$

Thick disc profile
Type I
$h_1 = 29''.6$

Component masses
$\mathcal{M}_g = 3.47 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 11.84 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 6.62 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 3.80 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 1''.9$
$z_T = 8''.4$