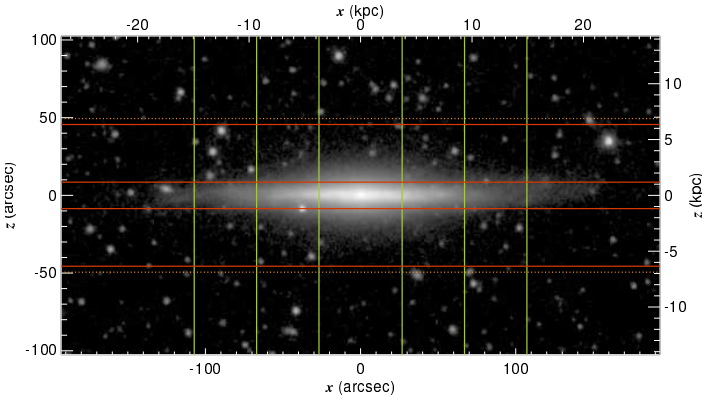
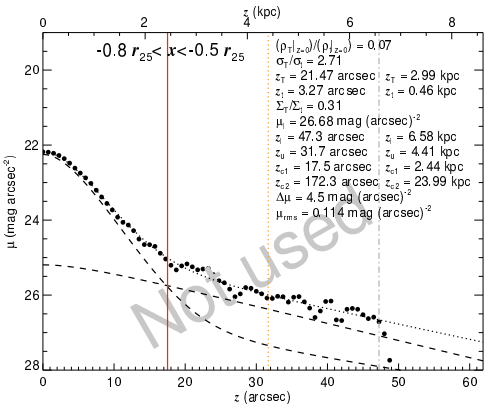
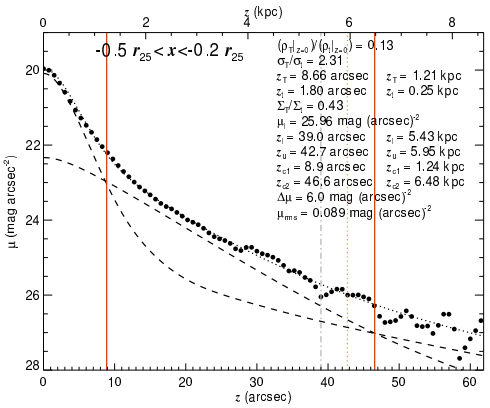
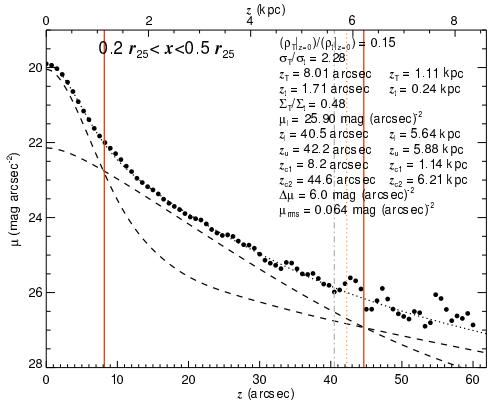


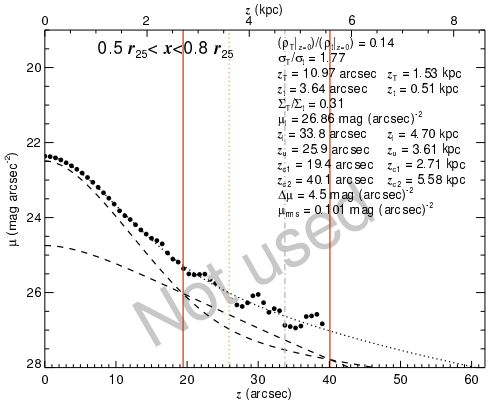
IC 5176

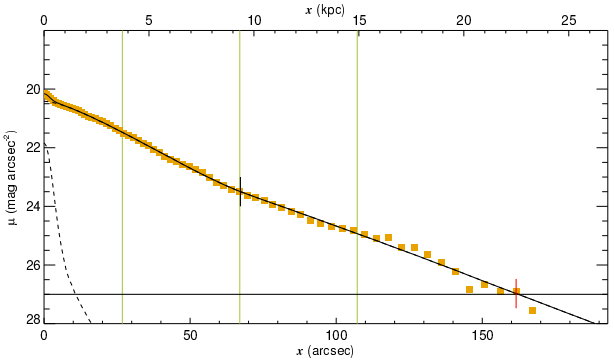
RA (J2000.0)	$22^{h}14^{m}55^{s}.93$
Dec (J2000.0)	$-66°50'57''.9$
r_{25}	$134''.0$
PA	$27°.9$
$M_{3.6\mu m}$(AB)	-21.039
d	28.71 Mpc (2)
v_c	180 km s^{-1} (3)
Mean z_{c1}	$8''.5$
Mean z_{c2}	$45''.6$
Mean z_u	$49''.4$

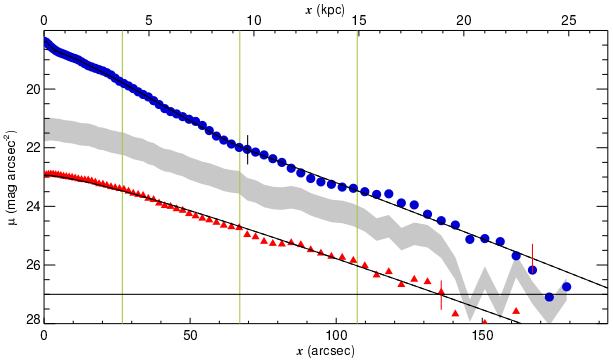












CMC properties
$r_{CMC} = 1''.75$
$n = 0.67$

Total profile
Type III
$h_1 = 15''.9$
$h_2 = 26''.6$
$r_{12} = 67''.2$

Thin disc profile
Type III
$h_1 = 15''.5$
$h_2 = 25''.8$
$r_{12} = 69''.7$

Thick disc profile
Type I
$h_1 = 28''.2$

Component masses
$\mathcal{M}_g = 27.74 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 26.79 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 12.30 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 1.18 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 1''.8$
$z_T = 8''.3$