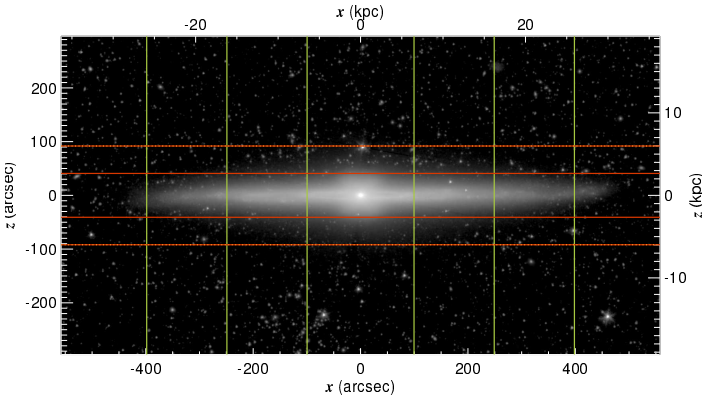
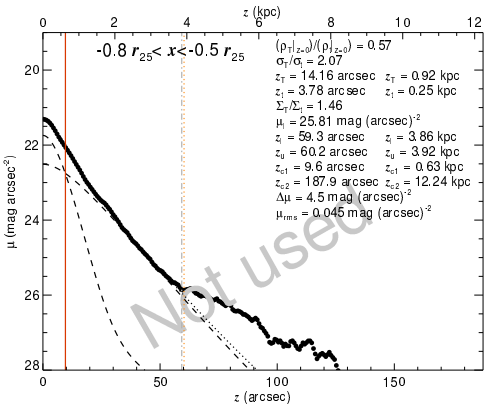
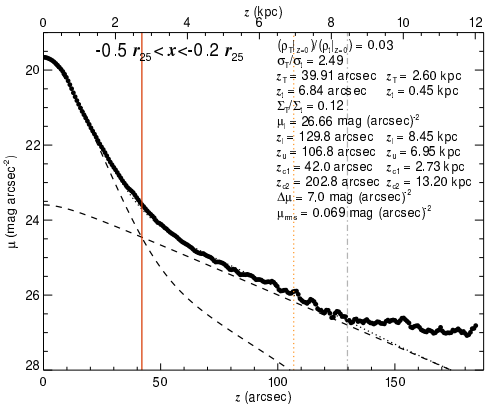
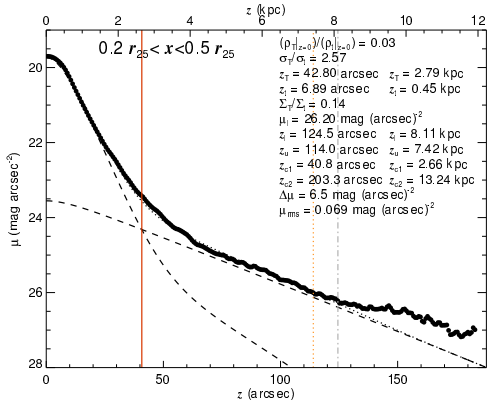
NGC 4565

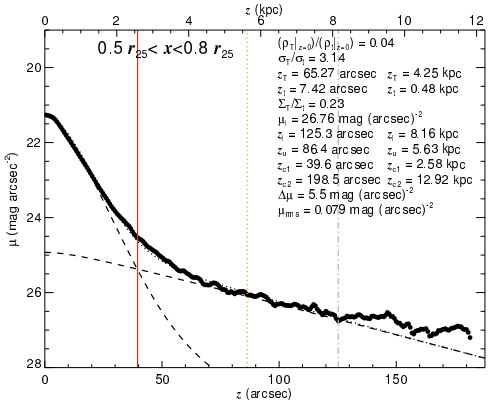


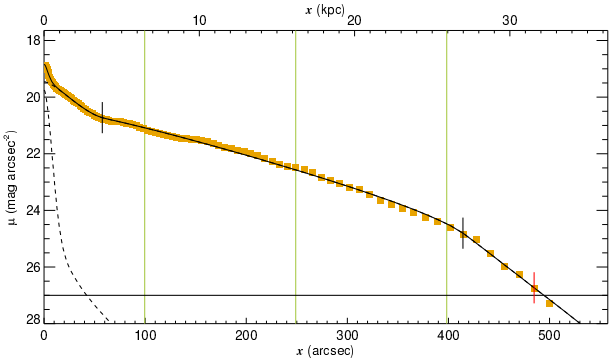
RA (J2000.0)	$12^{h}36^{m}20\overset{s}{.}78$
Dec (J2000.0)	$+25°59'15\overset{''}{.}6$
r_{25}	$497\overset{''}{.}9$
PA	$135°.1$
$M_{3.6\mu m}$(AB)	-22.121
d	13.43 Mpc (2)
v_c	250 km s^{-1} (3)
Mean z_{c1}	$40\overset{''}{.}8$
Mean z_{c2}	$91\overset{''}{.}9$
Mean z_u	$91\overset{''}{.}9$

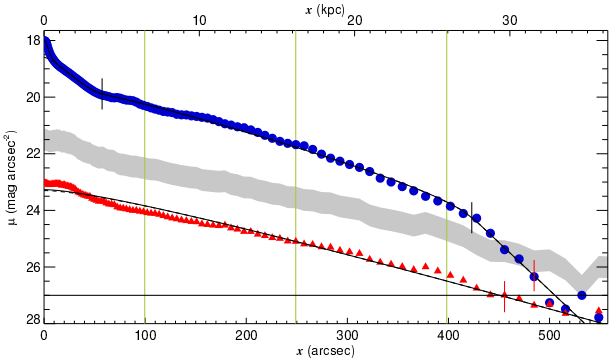












CMC properties
$r_{CMC} = 3\overset{''}{.}54$
$n = 0.74$

Total profile
Type III+II
$h_1 = 19\overset{''}{.}9$
$h_2 = 90\overset{''}{.}0$
$h_3 = 37\overset{''}{.}7$
$r_{12} = 57\overset{''}{.}6$
$r_{23} = 414\overset{''}{.}3$

Thin disc profile
Type III+II
$h_1 = 20\overset{''}{.}2$
$h_2 = 88\overset{''}{.}1$
$h_3 = 31\overset{''}{.}3$
$r_{12} = 57\overset{''}{.}4$
$r_{23} = 423\overset{''}{.}1$

Thick disc profile
Type I
$h_1 = 101\overset{''}{.}2$

Component masses
$\mathcal{M}_g = 33.67 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 87.51 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 12.44 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 6.17 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
$z_t = 7\overset{''}{.}1$
$z_T = 49\overset{''}{.}3$