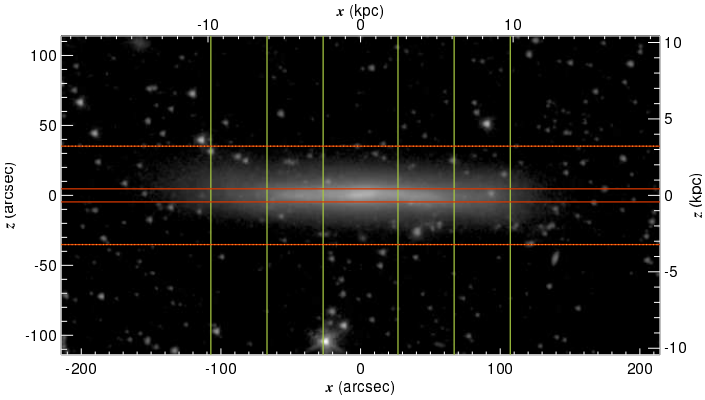
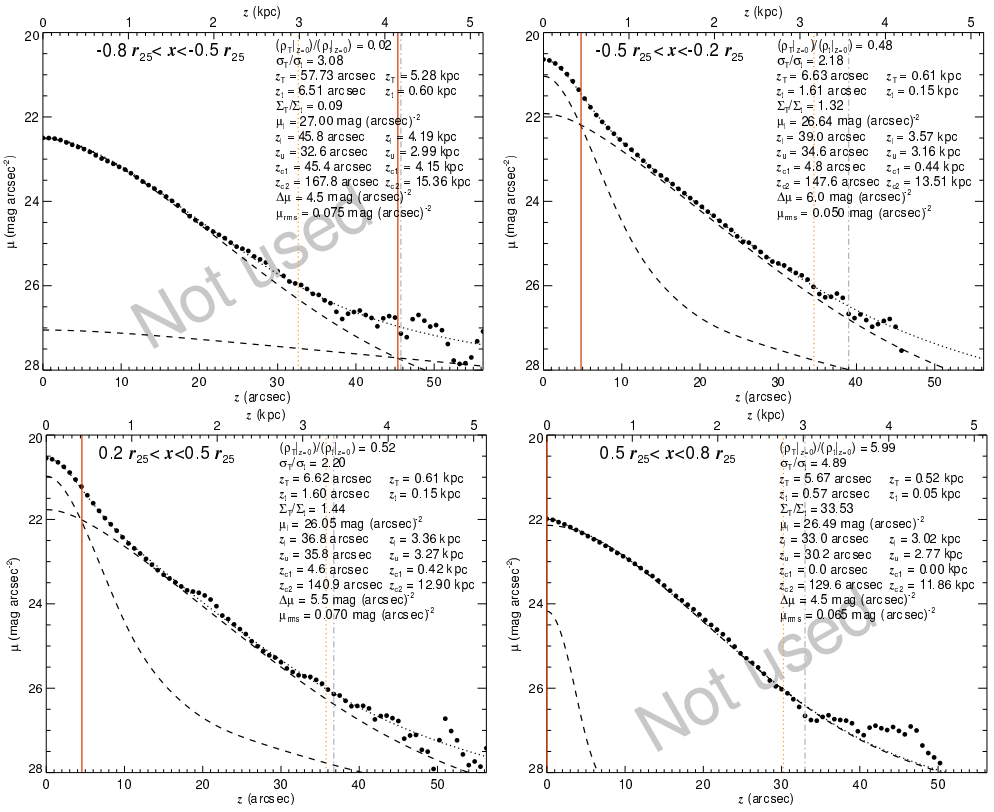
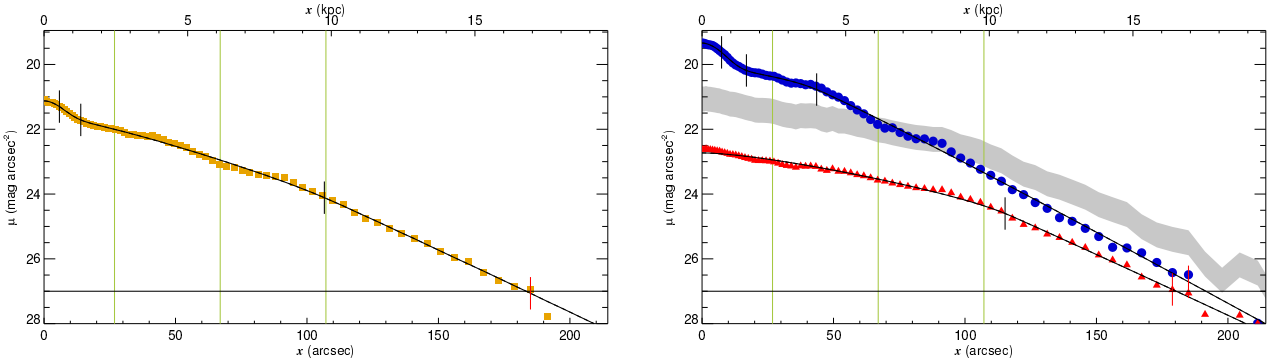


NGC 4330

RA (J2000.0)	$12^{h}23^{m}17\overset{s}{.}25$
Dec (J2000.0)	$+11°22'04\overset{''}{.}7$
r_{25}	$134\overset{''}{.}0$
PA	59°2
$M_{3.6\mu m}$(AB)	-19.323
d	18.88 Mpc (2)
v_c	126 km s^{-1} (3)
Mean z_{c1}	$4\overset{''}{.}7$
Mean z_{c2}	$35\overset{''}{.}2$
Mean z_u	$35\overset{''}{.}2$





CMC properties
No CMC

Total profile
Type II+III+II
$h_1 = 26\overset{''}{.}6$
$h_2 = 5\overset{''}{.}2$
$h_3 = 35\overset{''}{.}2$
$h_4 = 26\overset{''}{.}3$
$r_{12} = 5\overset{''}{.}8$
$r_{23} = 14\overset{''}{.}0$
$r_{34} = 106\overset{''}{.}6$

Thin disc profile
Type II+III+II
$h_1 = 23\overset{''}{.}7$
$h_2 = 5\overset{''}{.}3$
$h_3 = 62\overset{''}{.}6$
$h_4 = 23\overset{''}{.}3$
$r_{12} = 7\overset{''}{.}4$
$r_{23} = 16\overset{''}{.}9$
$r_{34} = 43\overset{''}{.}6$

Thick disc profile
Type II
$h_1 = 55\overset{''}{.}0$
$h_2 = 27\overset{''}{.}0$
$r_{12} = 115\overset{''}{.}2$

Component masses
$\mathcal{M}_g = 0.94 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 3.64 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 5.03 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} \sim 0$

Disc scale-heights
$z_t = 1\overset{''}{.}6$
$z_T = 6\overset{''}{.}6$