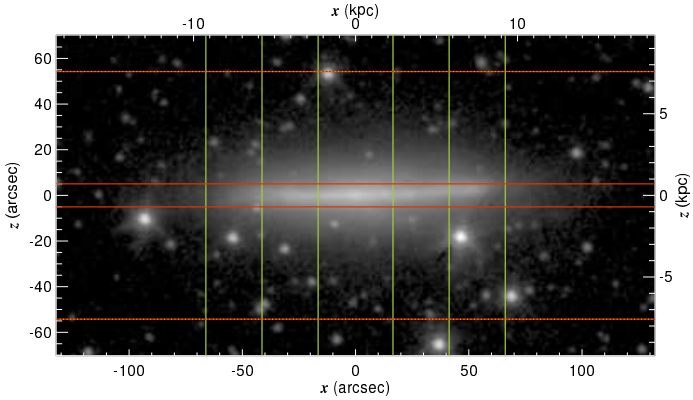
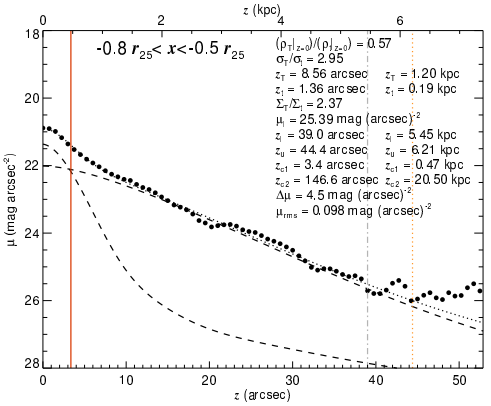
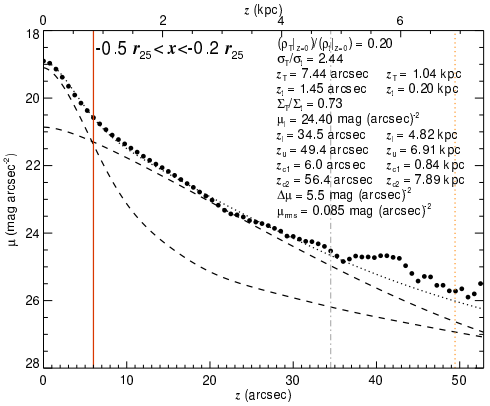
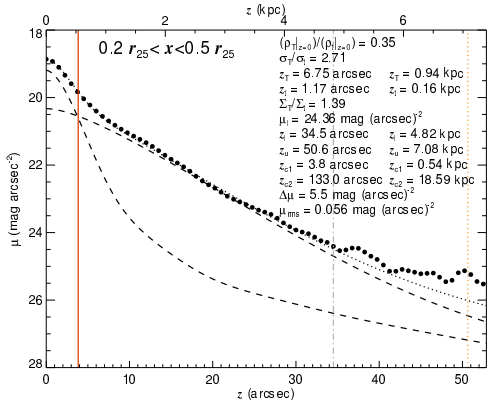


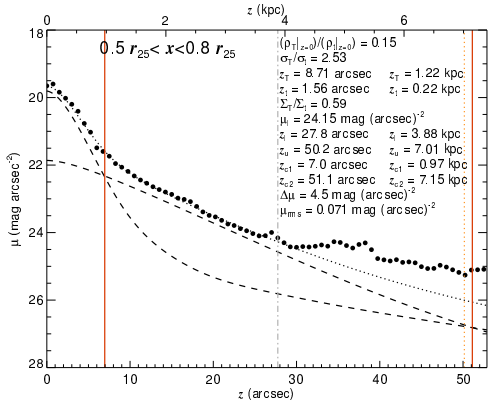
NGC 7241

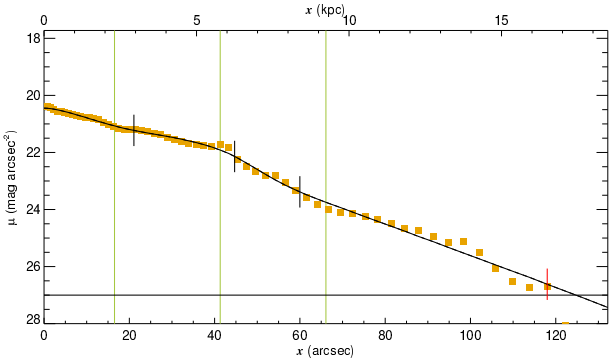
RA (J2000.0)	$22^{h}15^{m}49\overset{s}{.}87$
Dec (J2000.0)	+19°13′56″.5
r_{25}	82″.6
PA	21°.7
$M_{3.6\mu m}$(AB)	-21.061
d	28.84 Mpc (2)
v_c	190 km s^{-1} (3)
Mean z_{c1}	5″.0
Mean z_{c2}	54″.2
Mean z_u	54″.2

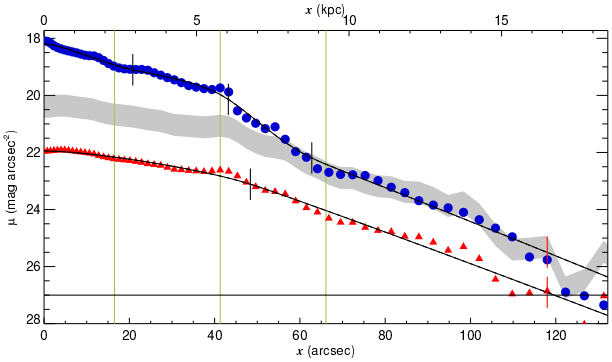












CMC properties
No CMC

Total profile
Type III+II+III
h_1 = 11″.2
h_2 = 56″.6
h_3 = 8″.9
h_4 = 17″.3
r_{12} = 21″.1
r_{23} = 44″.7
r_{34} = 60″.0

Thin disc profile
Type III+II+III
h_1 = 10″.8
h_2 = 47″.7
h_3 = 7″.6
h_4 = 16″.8
r_{12} = 20″.8
r_{23} = 43″.2
r_{34} = 62″.8

Thick disc profile
Type II
h_1 = 36″.0
h_2 = 17″.9
r_{12} = 48″.4

Component masses
$\mathcal{M}_g = 9.02 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_t = 21.11 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 21.22 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} \sim 0$

Disc scale-heights
z_t = 1″.4
z_T = 7″.9