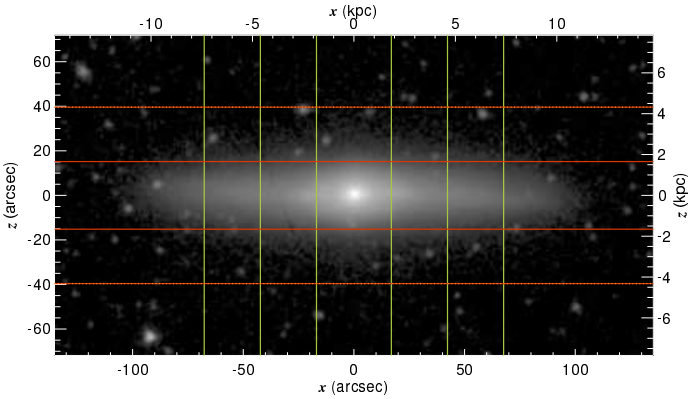
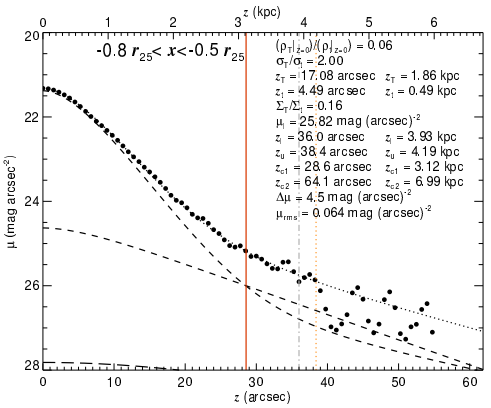
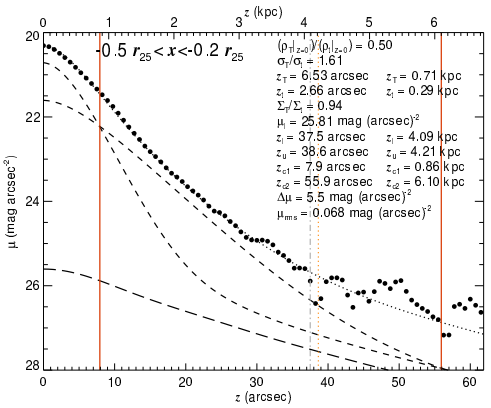
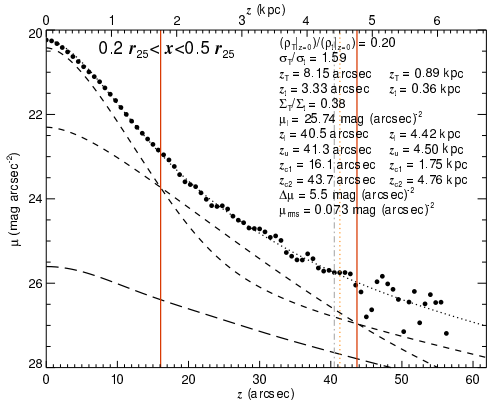
NGC 5422

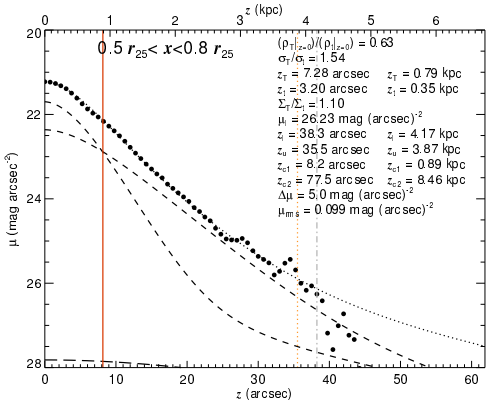


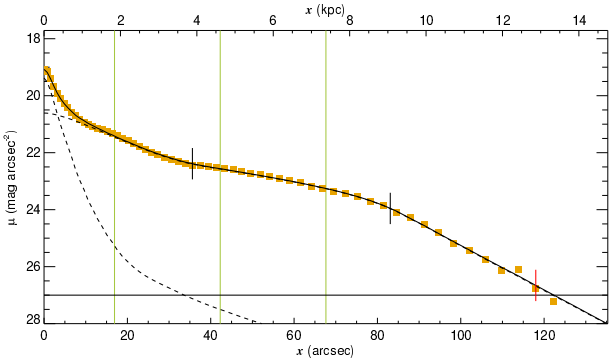
RA (J2000.0)	$14^{h}00^{m}42\overset{s}{.}04$
Dec (J2000.0)	+55°09′52″.1
r_{25}	84″.6
PA	152°.8
$M_{3.6\mu m}$(AB)	-20.279
d	22.50 Mpc (4)
v_c	161 km s^{-1} (19)
Mean z_{c1}	15″.2
Mean z_{c2}	39″.6
Mean z_u	39″.6

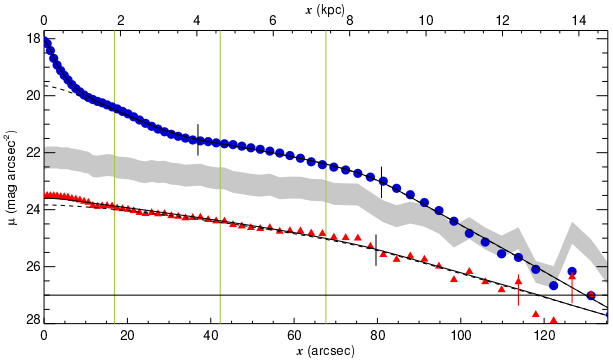












CMC properties
r_{CMC} = 0″.85
n = 1.31

Total profile
Type III+II
h_1 = 10″.9
h_2 = 42″.7
h_3 = 12″.3
r_{12} = 35″.6
r_{23} = 83″.1

Thin disc profile
Type III+II
h_1 = 11″.3
h_2 = 41″.7
h_3 = 12″.6
r_{12} = 36″.9
r_{23} = 81″.0

Thick disc profile
Type II
h_1 = 42″.8
h_2 = 23″.7
r_{12} = 79″.7

Component masses
$\mathcal{M}_g \sim 0$
$\mathcal{M}_t = 9.07 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_T = 5.24 \times 10^9\ \mathcal{M}_\odot$
$\mathcal{M}_{CMC} = 6.52 \times 10^9\ \mathcal{M}_\odot$

Disc scale-heights
z_t = 3″.4
z_T = 9″.8