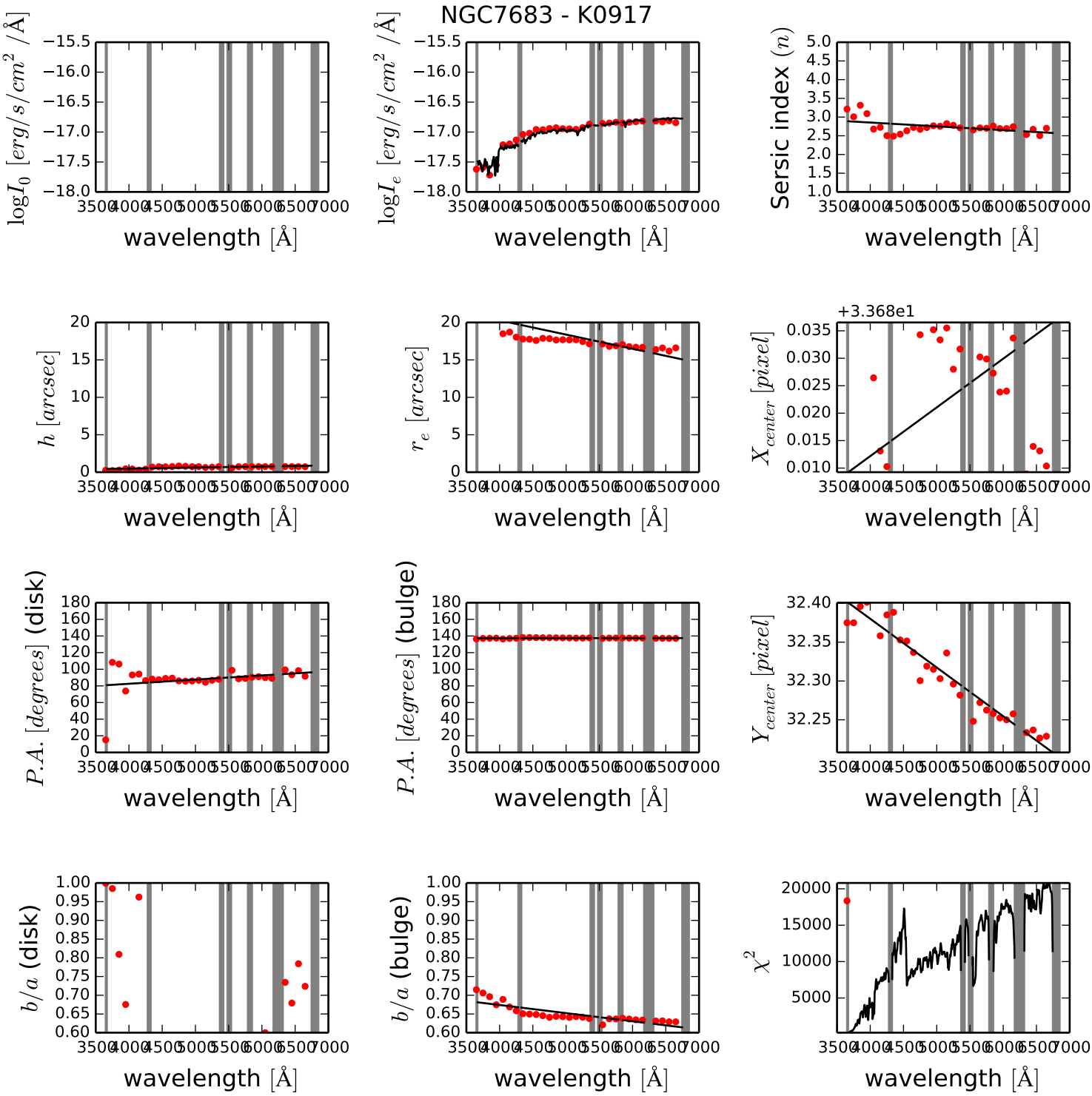
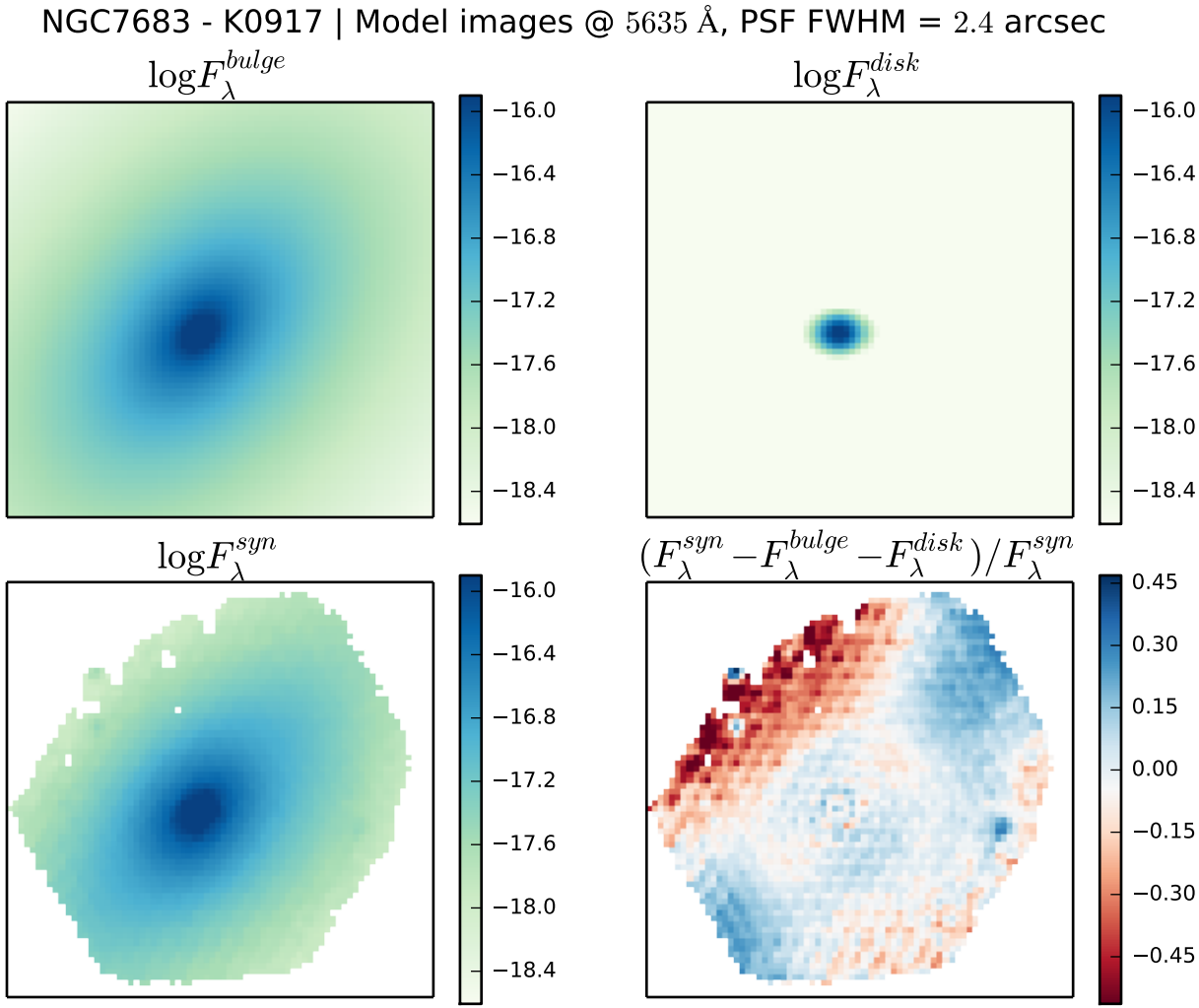
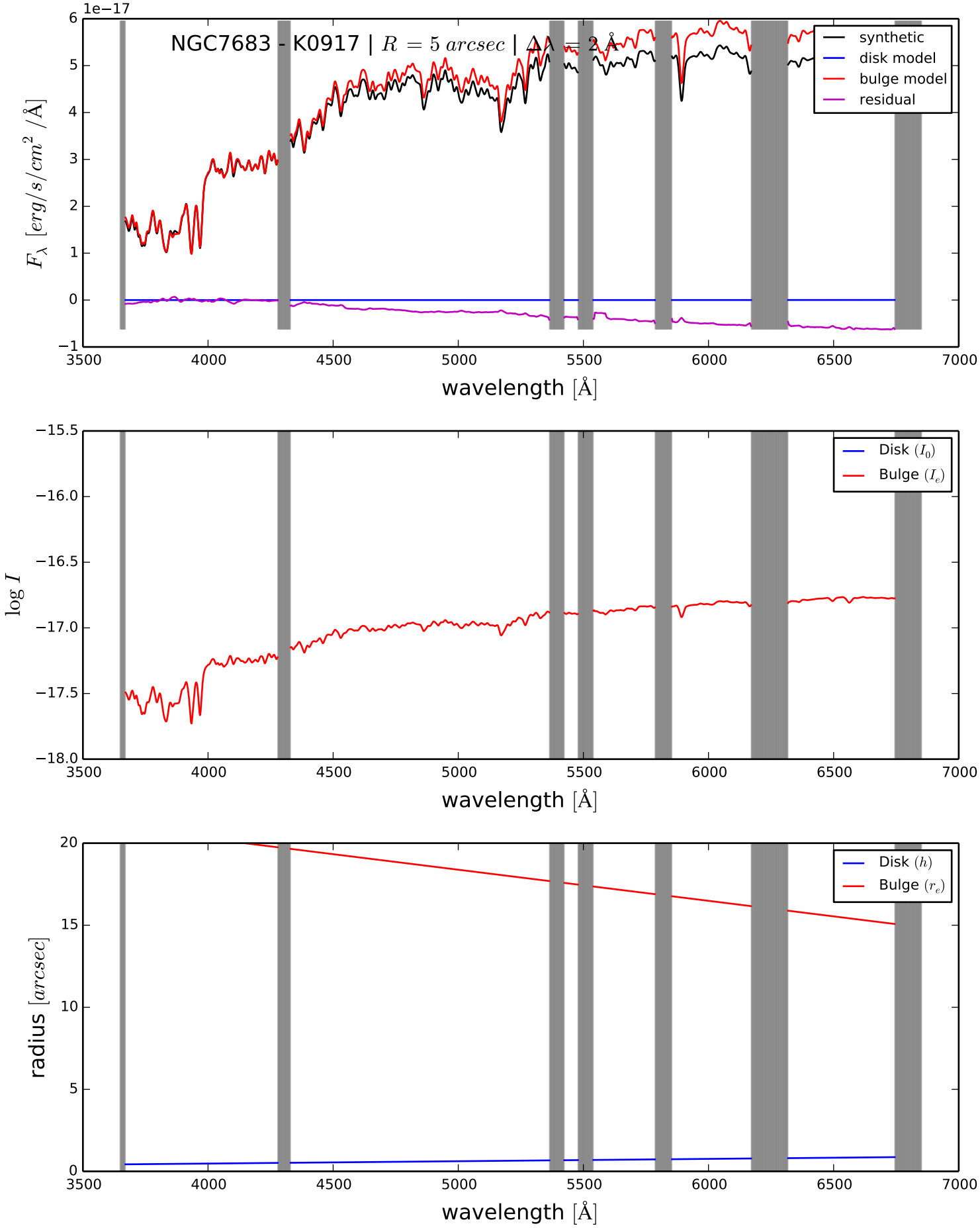
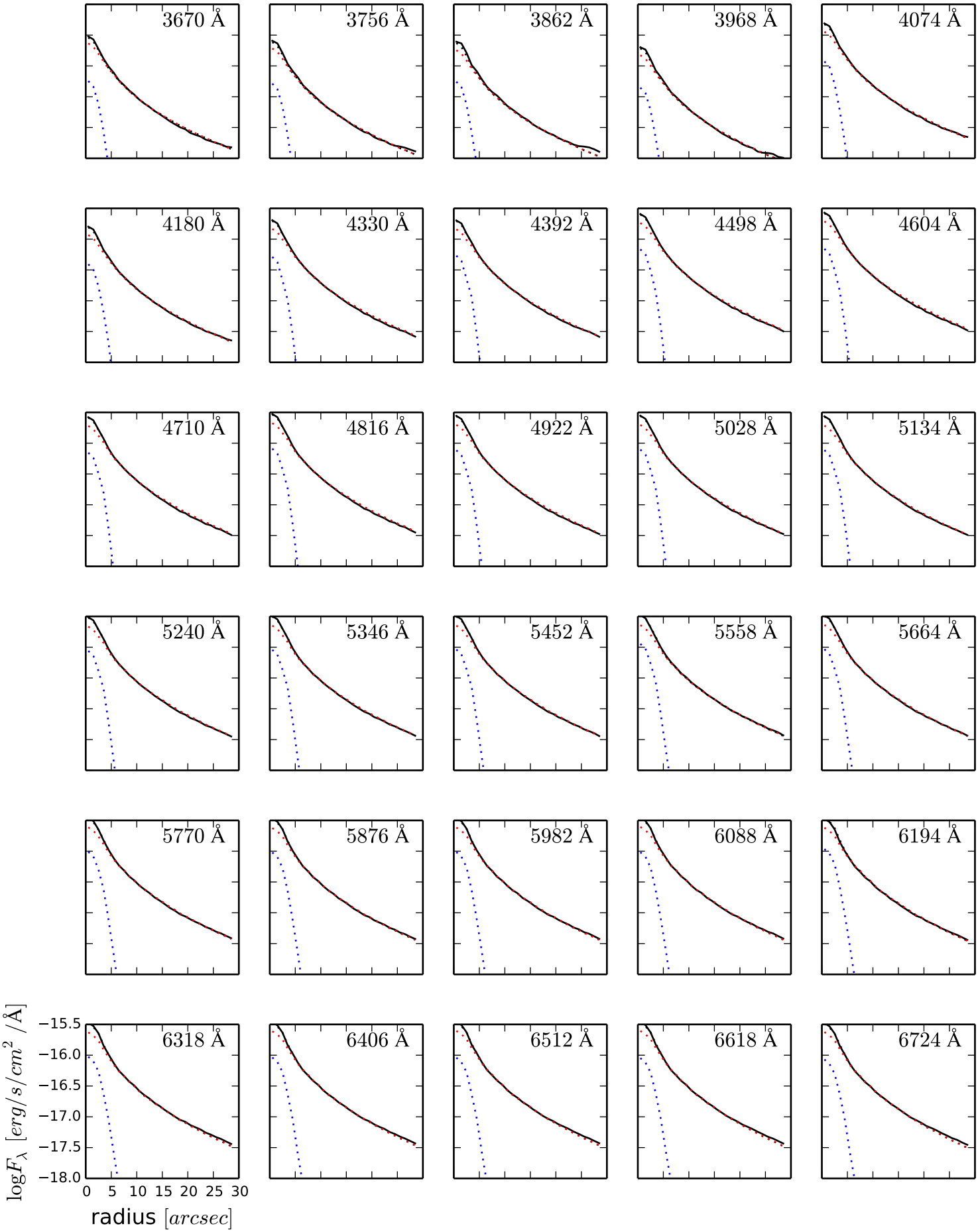

NGC7683 - K0917
$\log I_0$ $[erg/s/cm^2/Å]$
$\log I_e$ $[erg/s/cm^2/Å]$
Sersic index (n)
h $[arcsec]$
r_e $[arcsec]$
X_{center} $[pixel]$
+3.368e1
$P.A.$ $[degrees]$ (disk)
$P.A.$ $[degrees]$ (bulge)
Y_{center} $[pixel]$
b/a (disk)
b/a (bulge)
χ^2
wavelength [Å]


NGC7683 - K0917 | Model images @ 5635 Å, PSF FWHM = 2.4 arcsec
$\log F_\lambda^{bulge}$
$\log F_\lambda^{disk}$
$\log F_\lambda^{syn}$
$(F_\lambda^{syn} - F_\lambda^{bulge} - F_\lambda^{disk})/F_\lambda^{syn}$
−16.0
−16.4
−16.8
−17.2
−17.6
−18.0
−18.4
0.45
0.30
0.15
0.00
−0.15
−0.30
−0.45


NGC7683 - K0917 | $R = 5\ arcsec$ | $\Delta\lambda = 2$ Å
synthetic
disk model
bulge model
residual
1e−17
$F_\lambda\ [erg/s/cm^2/\text{Å}]$
wavelength [Å]
Disk (I_0)
Bulge (I_e)
log I
wavelength [Å]
Disk (h)
Bulge (r_e)
radius $[arcsec]$
wavelength [Å]


3670 Å
3756 Å
3862 Å
3968 Å
4074 Å
4180 Å
4330 Å
4392 Å
4498 Å
4604 Å
4710 Å
4816 Å
4922 Å
5028 Å
5134 Å
5240 Å
5346 Å
5452 Å
5558 Å
5664 Å
5770 Å
5876 Å
5982 Å
6088 Å
6194 Å
6318 Å
6406 Å
6512 Å
6618 Å
6724 Å
−15.5
−16.0
−16.5
−17.0
−17.5
−18.0
0
5
10
15
20
25
30
$\log F_\lambda$ $[erg/s/cm^2/\text{Å}]$
radius $[arcsec]$