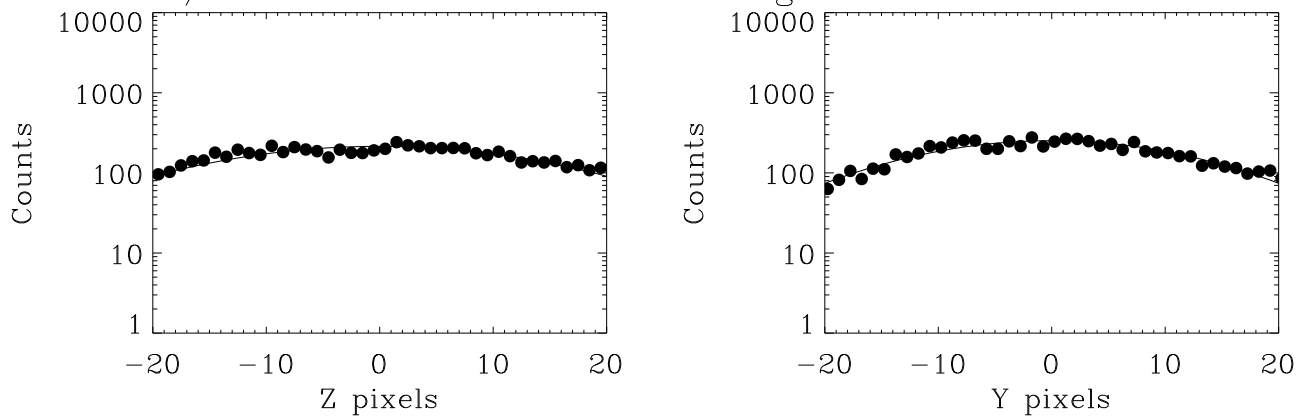
H-IAI-PI-7.005/H-IAI-PI-7.005_02346.fits_img.fits



All measurements in pixels

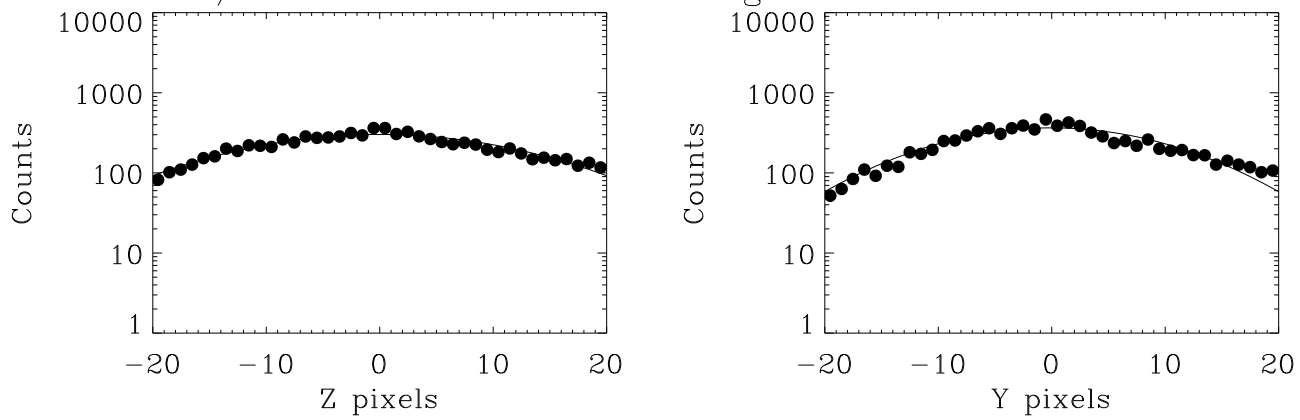
Z gaussian FWHM = 35.901644

Y gaussian FWHM = 30.073367

Z fit parameters: Amplitude= 214 Offset= 50 Sigma= 15

Y fit parameters: Amplitude= 252 Offset= 51 Sigma= 12

H-IAI-PI-7.005/H-IAI-PI-7.005_all.fits_img.fits



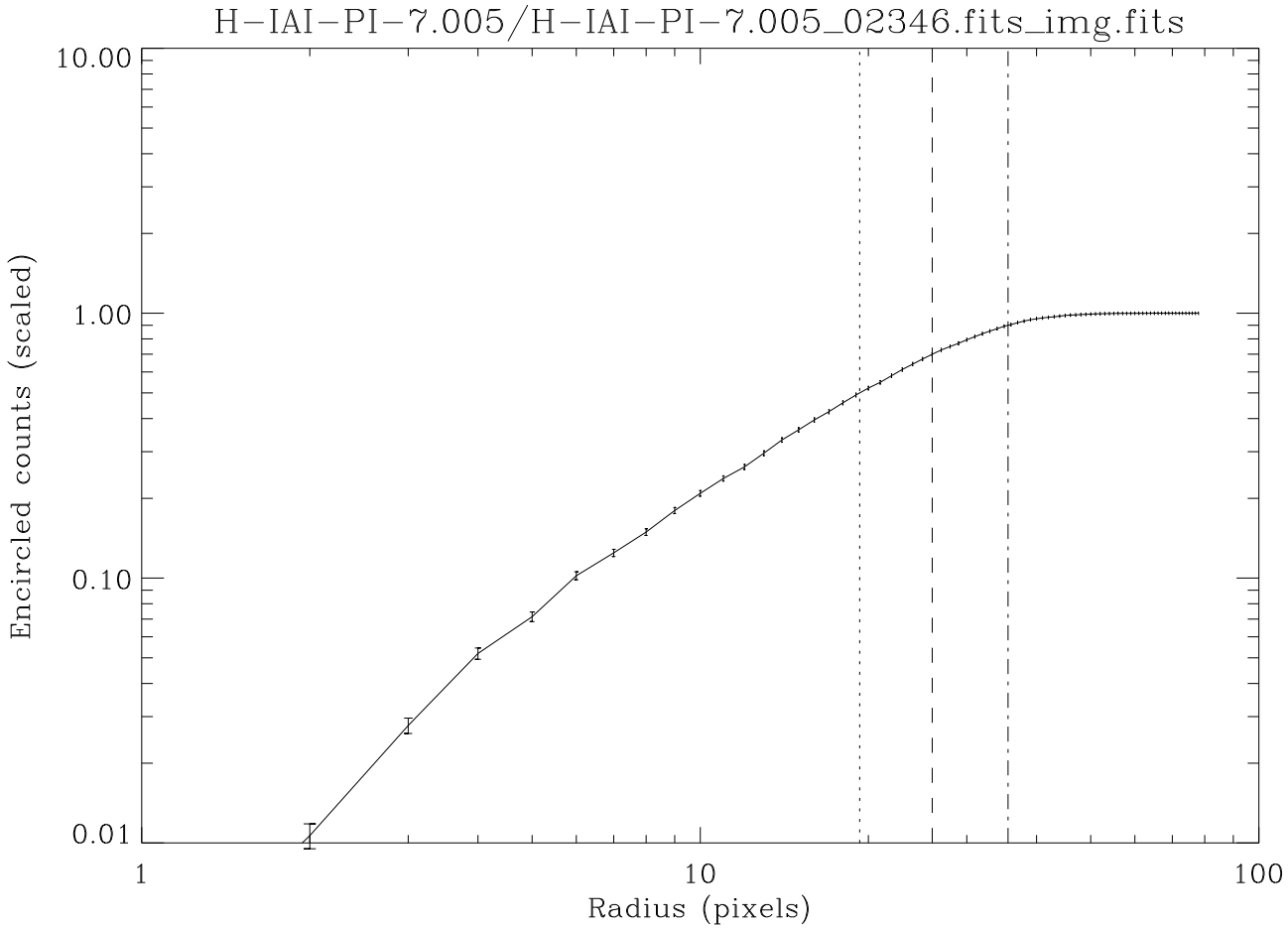
All measurements in pixels

Z gaussian FWHM = 30.595057

Y gaussian FWHM = 24.589810

Z fit parameters: Amplitude= 302 Offset= 49 Sigma= 12

Y fit parameters: Amplitude= 365 Offset= 50 Sigma= 10



Encircled energy radii in pixels

50% radius = 19.2951

70% radius = 26.0204

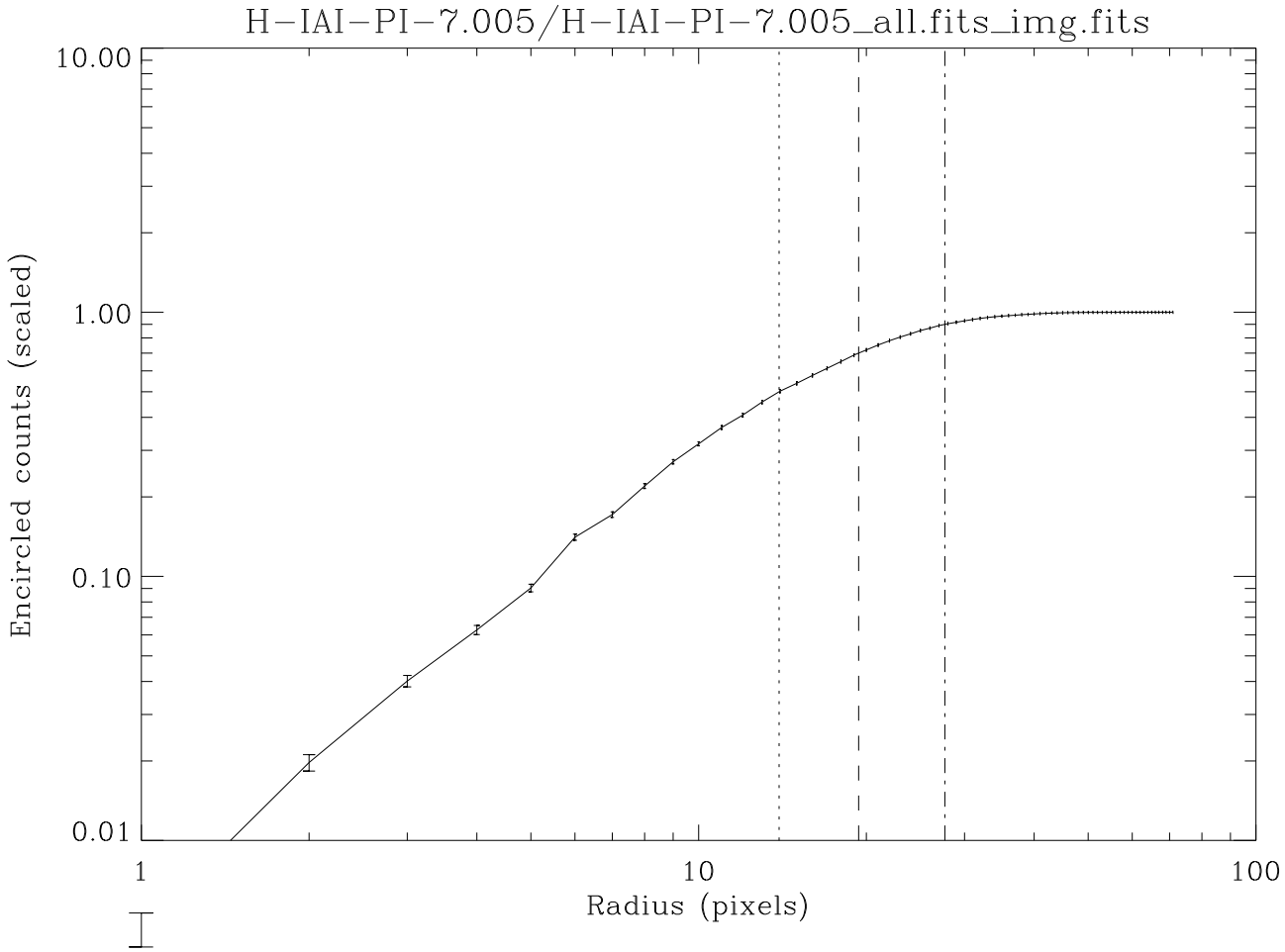
90% radius = 35.5682

Encircled energy radii in microns

50% radius = 463.082

70% radius = 624.489

90% radius = 853.637



Encircled energy radii in pixels

50% radius = 13.9435

70% radius = 19.3688

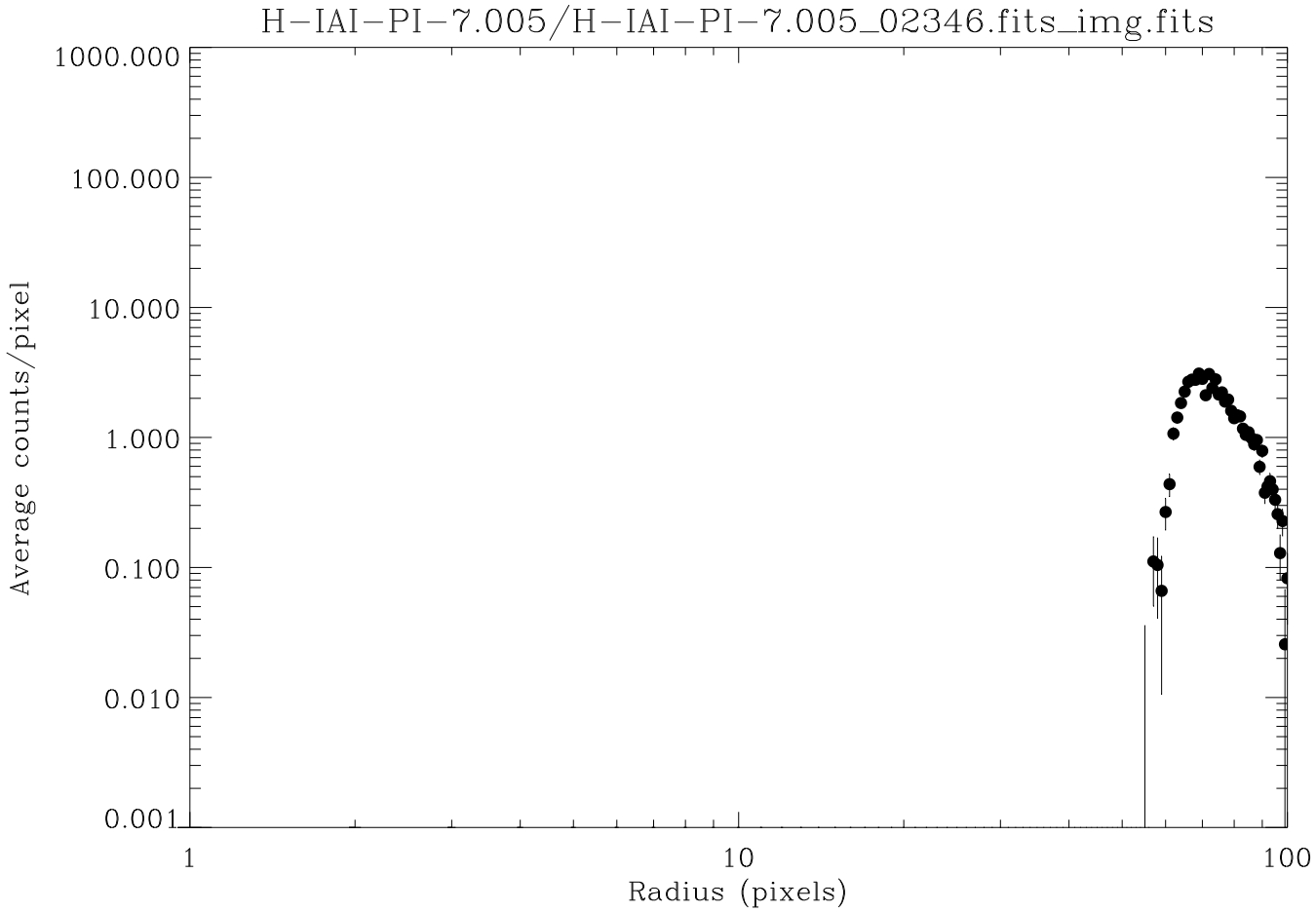
90% radius = 27.6617

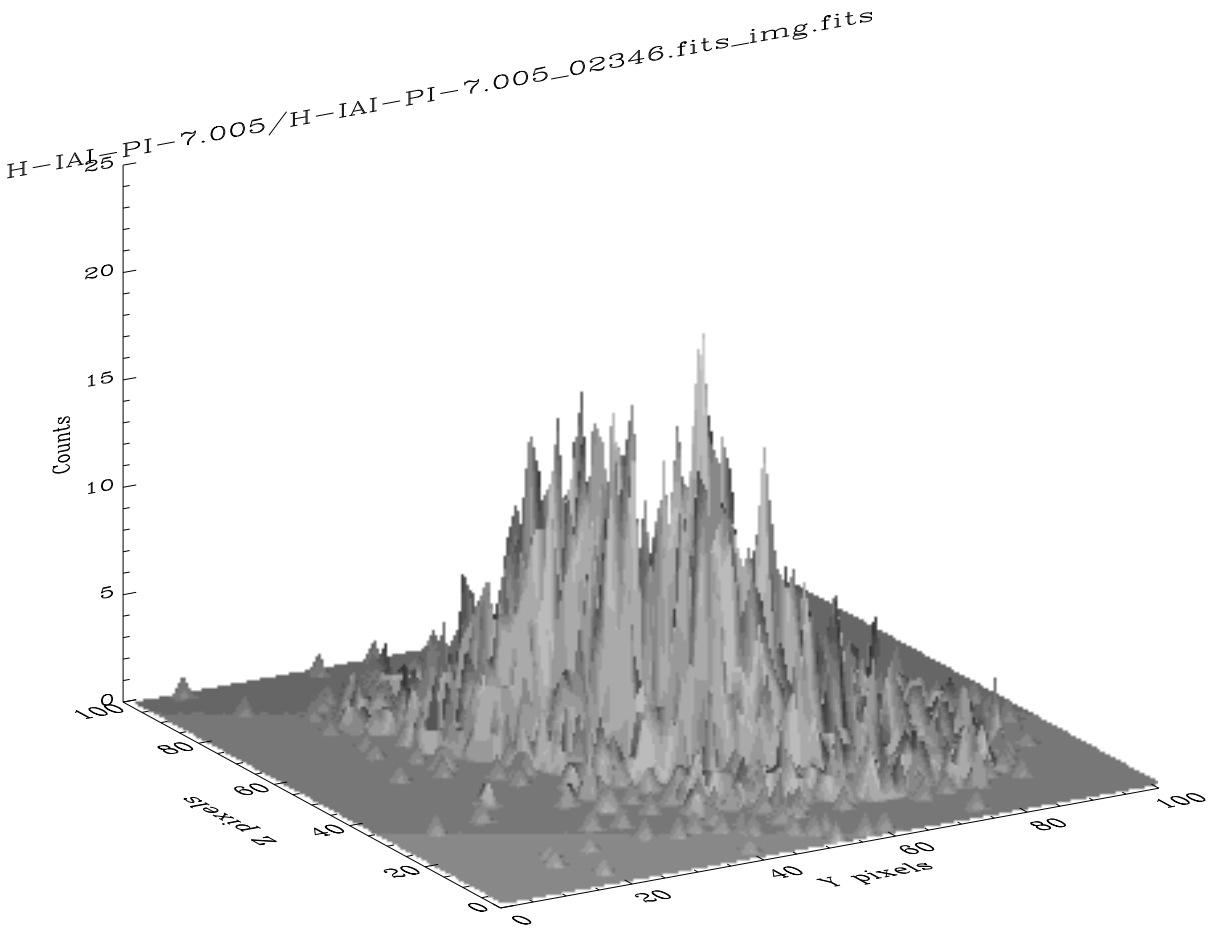
Encircled energy radii in microns

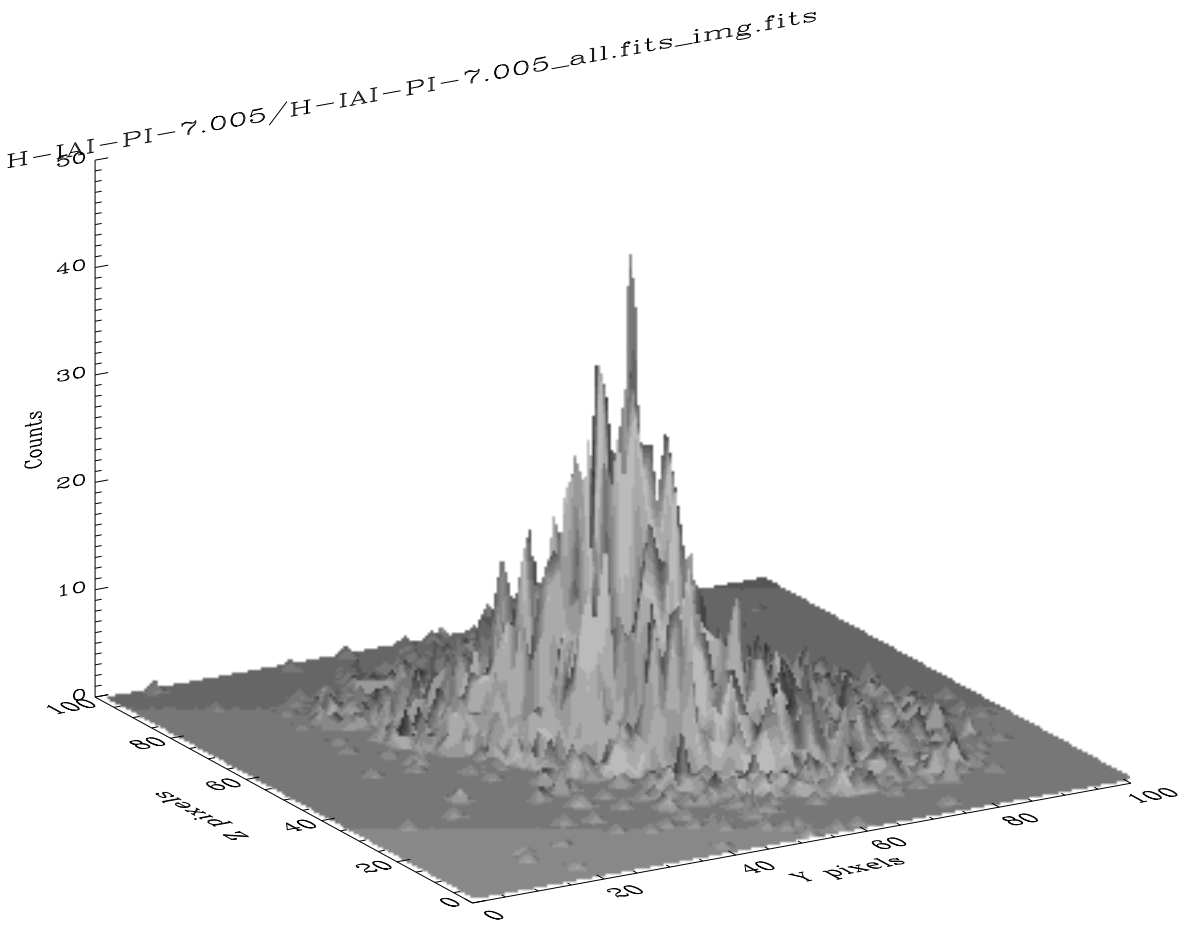
50% radius = 334.643

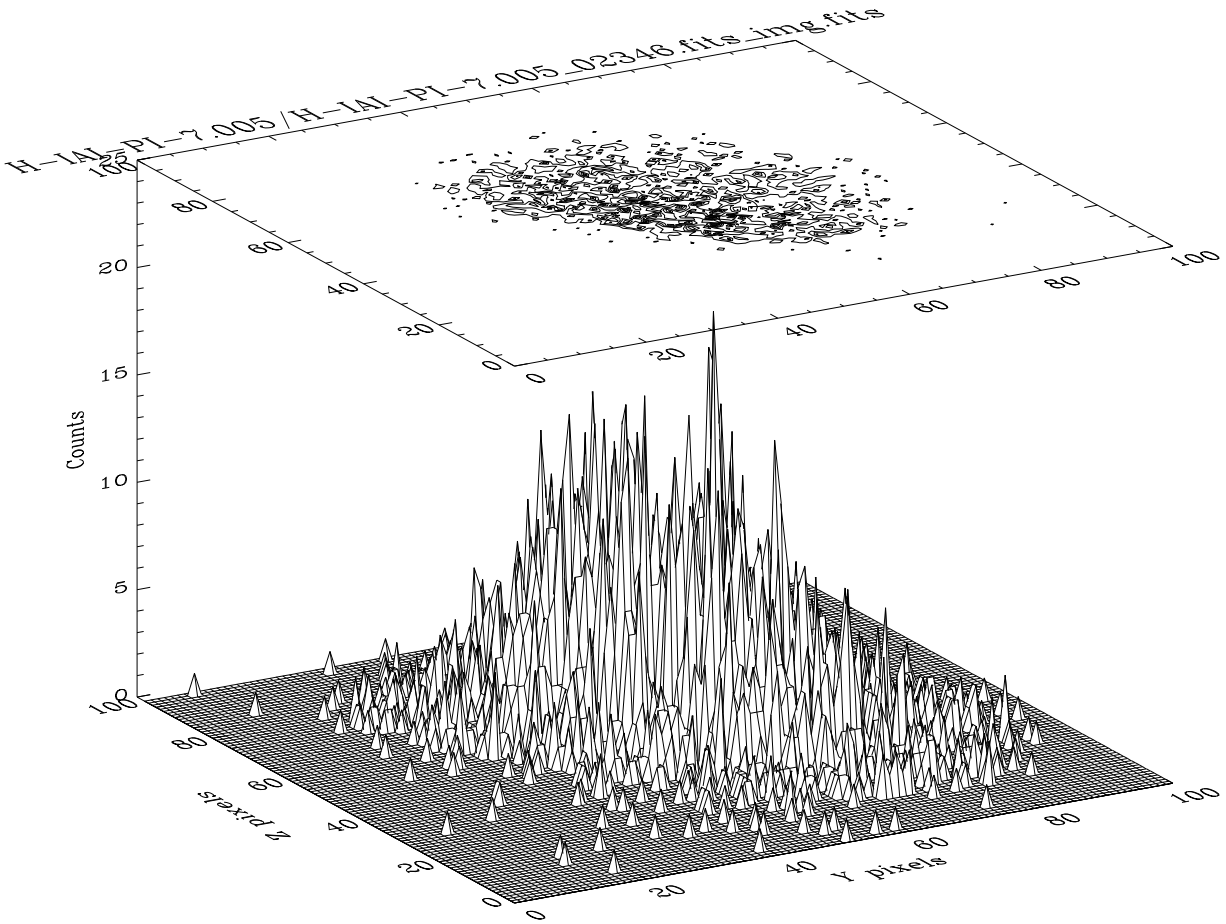
70% radius = 464.850

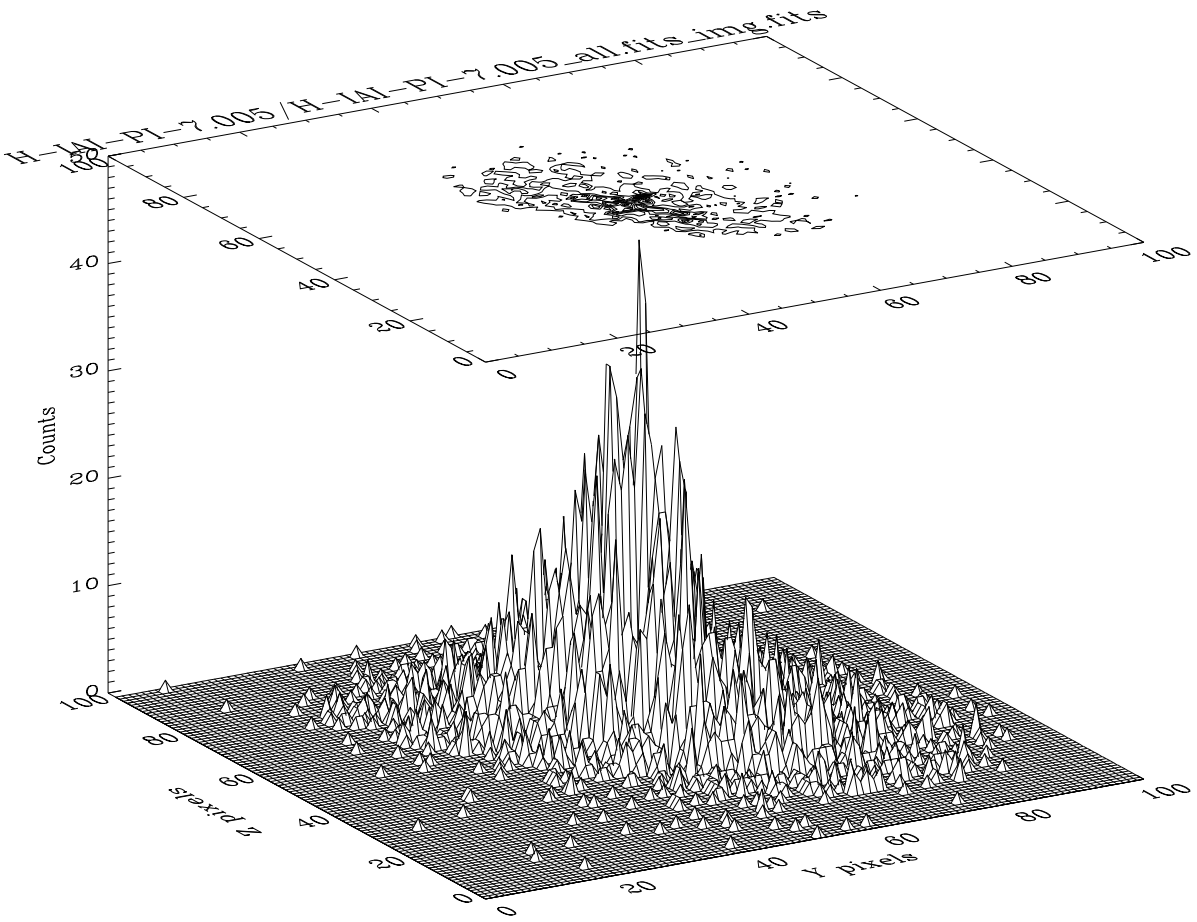
90% radius = 663.881

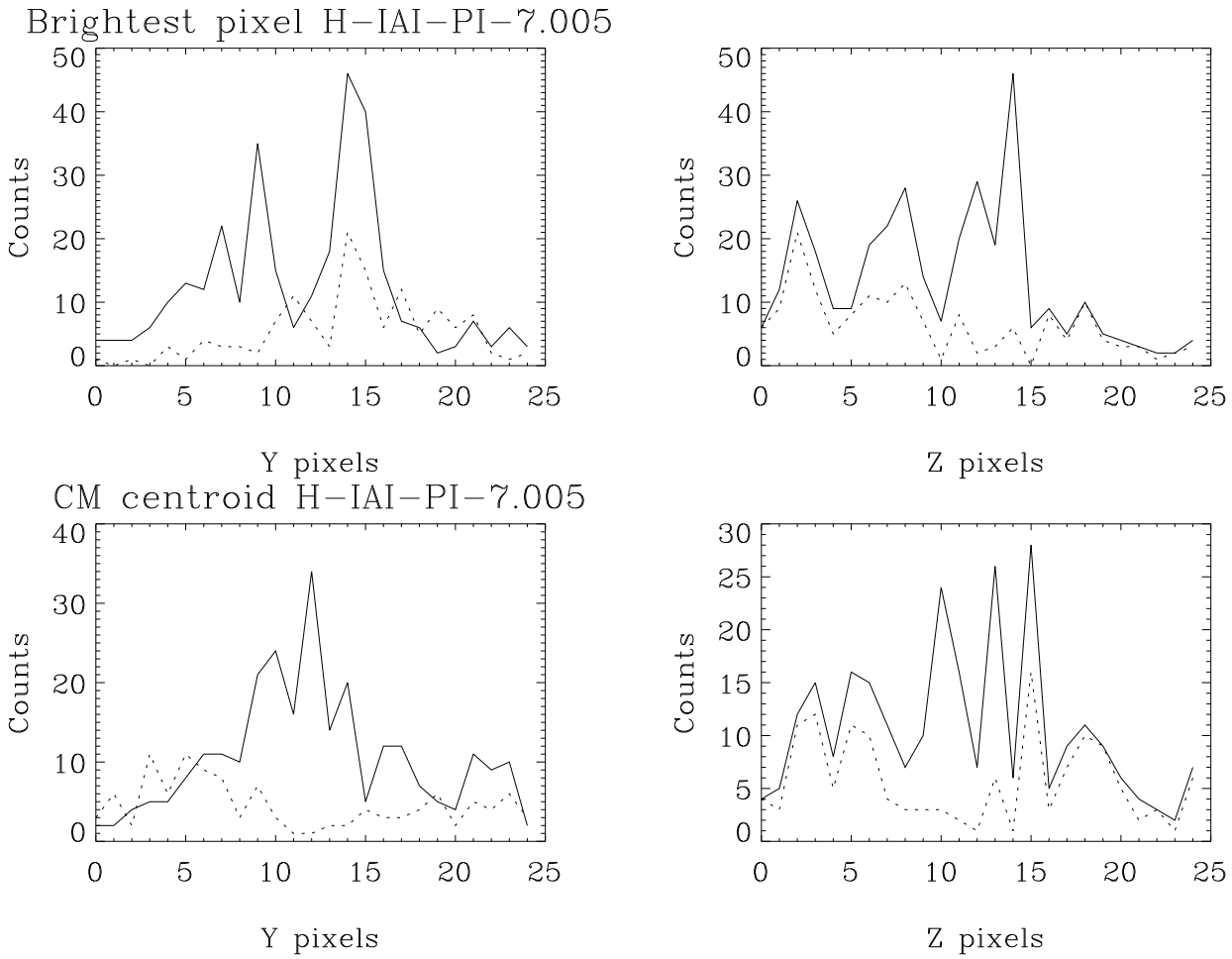

H-IAI-PI-7.005/H-IAI-PI-7.005_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-7.005/H-IAI-PI-7.005_02346.fits_img.fits
Counts
25
20
15
10
5
0
Z pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H-IAI-PI-7.005/H-IAI-PI-7.005_all.fits_img.fits
Counts
0
10
20
30
40
50
X pixels
0
20
40
60
80
100
Y pixels
0
20
40
60
80
100


H_IAI_P1_7.005/H_IAI_P1_7.005_02348.fits_img.fits
Counts
Z pixels
Y pixels
0
5
10
15
20
25
0
20
40
60
80
100


H_1AI_P1_7.005/H_1AI_P1_7.005_all.fits_img.fits
Counts
X pixels
Y pixels
0
10
20
30
40
0
20
40
60
80
100



Solid lines: all grades, dotted lines: g=02346

Brightest pixel (Y,Z)

All grades	14	14
Std. grades	14	2

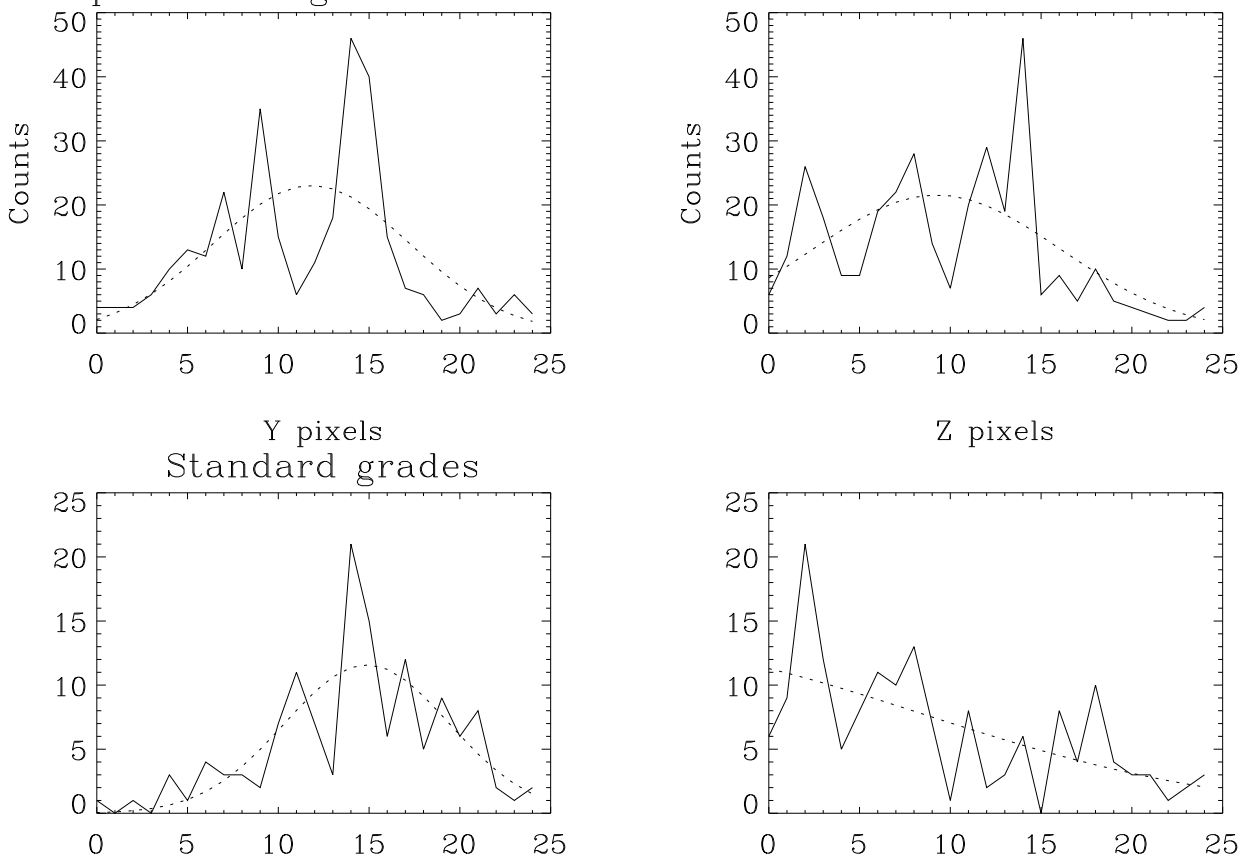
CM Centroid (Y,Z)

All grades	11.6199	11.9839
Std. grades	11.8821	12.0784

Brightest pixel maxima

All grades:	46
Std. grades:	21

Brightest pixel – All grades H–IAI–PI–7.005



Total counts (area under gaussians, shown by dotted line)

	Integrated	Analytical
All Y	304.35957	312.71679
Std Y	128.41479	131.34037
All Z	331.07382	369.37668
Std Z	152.56854	549.02135

	amplitude	offset	sigma	FWHM
All Y:	23.045296	11.824711	5.4135105	12.743404
Std Y:	11.590037	14.875029	4.5208851	10.642164
All Z:	21.544310	9.2475166	6.8398560	16.101022
Std Z:	12.846539	−8.6689440	17.049559	40.134665