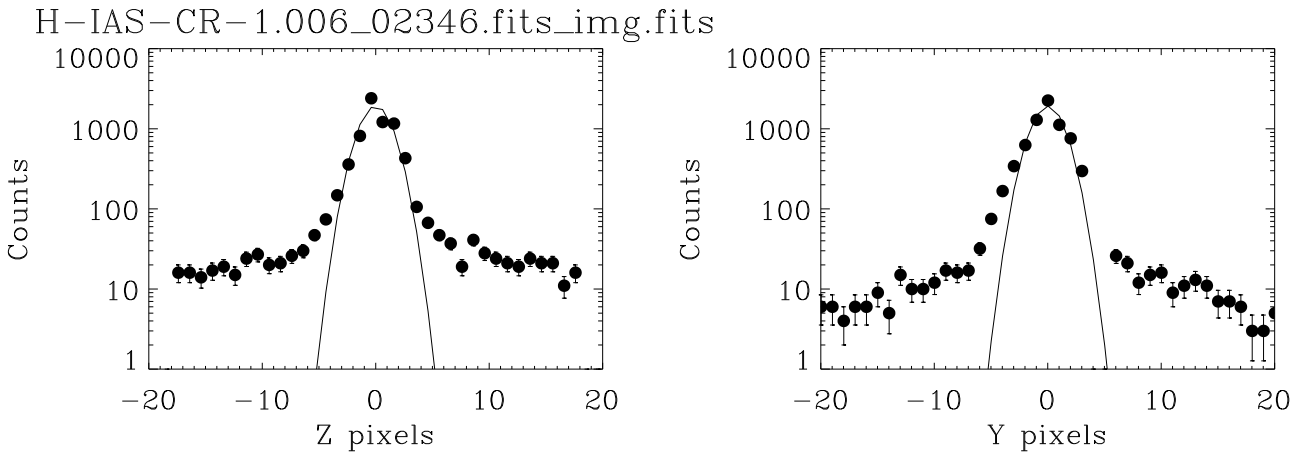


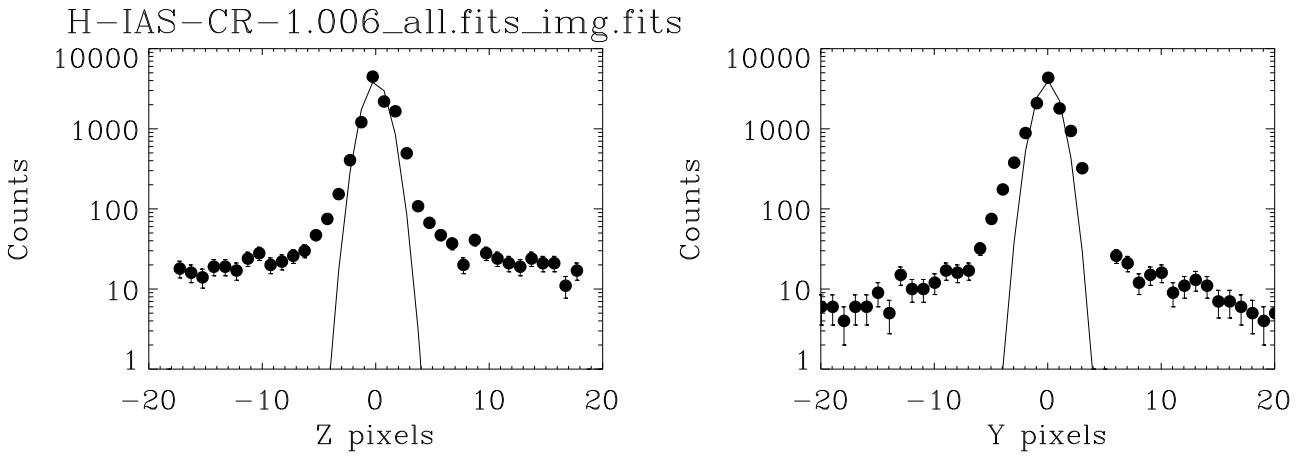

All measurements in pixels

Z gaussian FWHM = 3.1606729

Y gaussian FWHM = 3.1886589

Z fit parameters: Amplitude= 1929 Offset= 18 Sigma= 1

Y fit parameters: Amplitude= 1922 Offset= 50 Sigma= 1



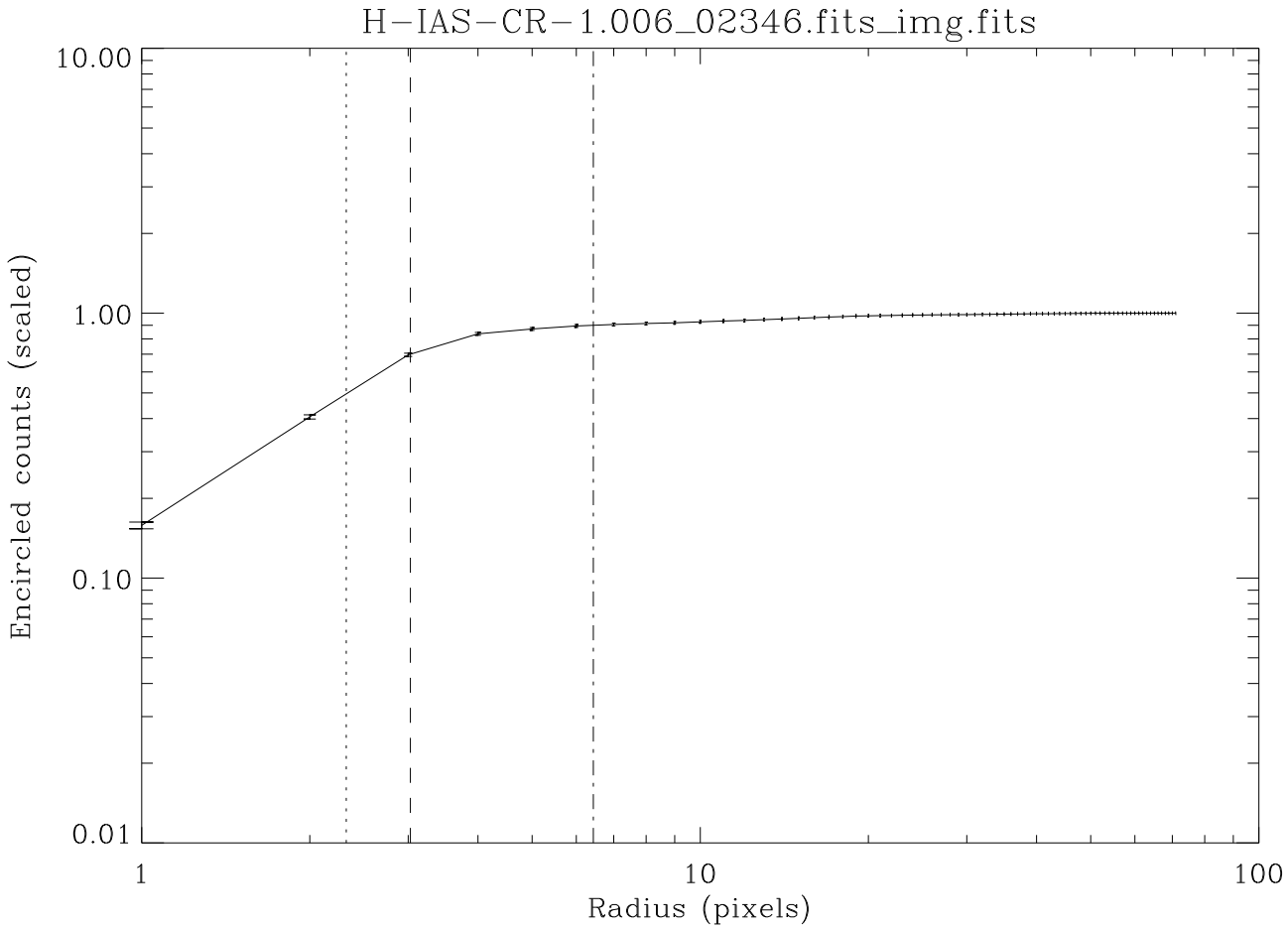

All measurements in pixels

Z gaussian FWHM = 2.3290773

Y gaussian FWHM = 2.2884356

Z fit parameters: Amplitude= 3941 Offset= 18 Sigma= 0

Y fit parameters: Amplitude= 3975 Offset= 50 Sigma= 0




Encircled energy radii in pixels

50% radius = 2.32379

70% radius = 3.02684

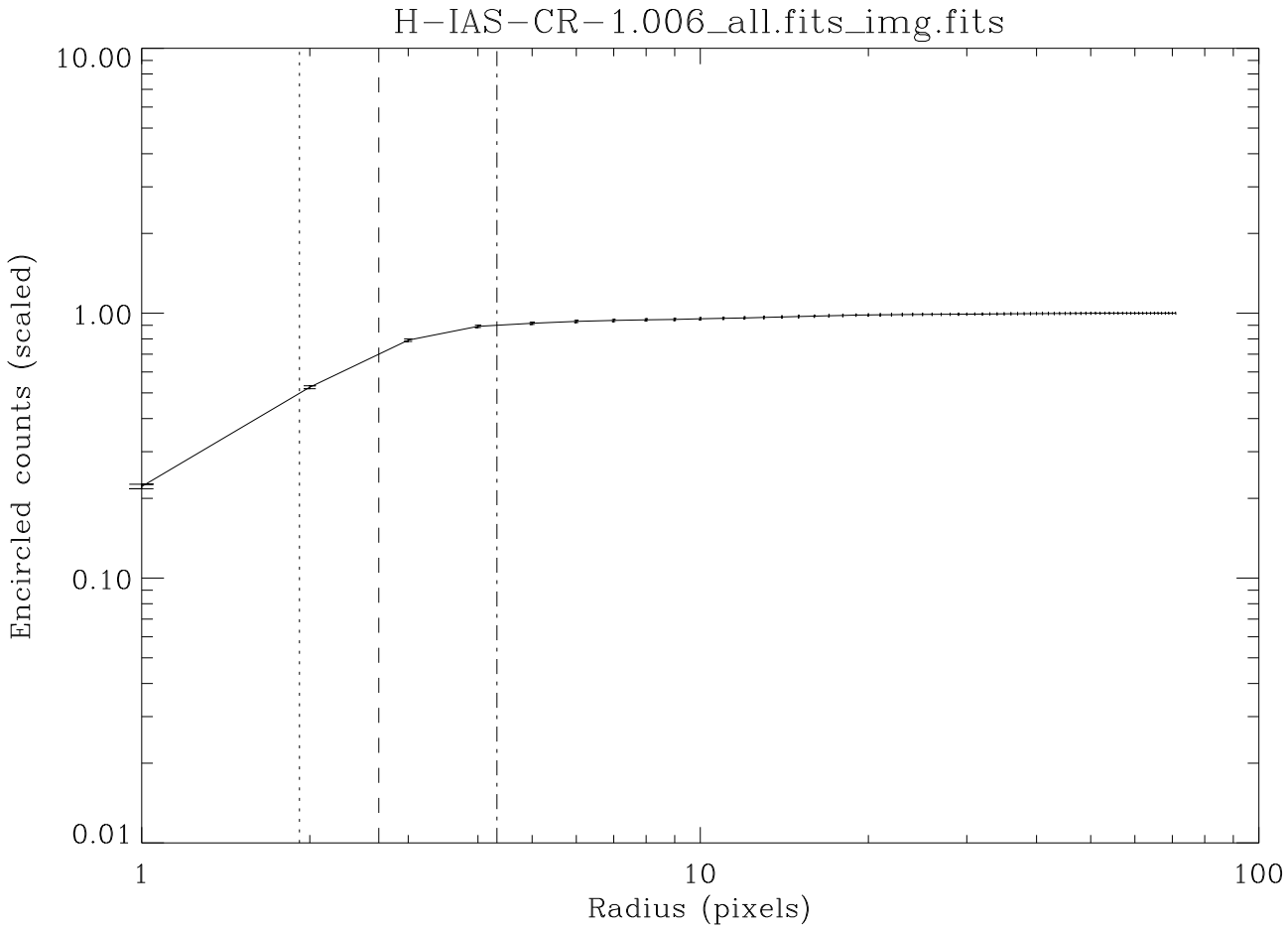
90% radius = 6.43563

Encircled energy radii in microns

50% radius = 55.7710

70% radius = 72.6442

90% radius = 154.455




Encircled energy radii in pixels

50% radius = 1.91643

70% radius = 2.65775

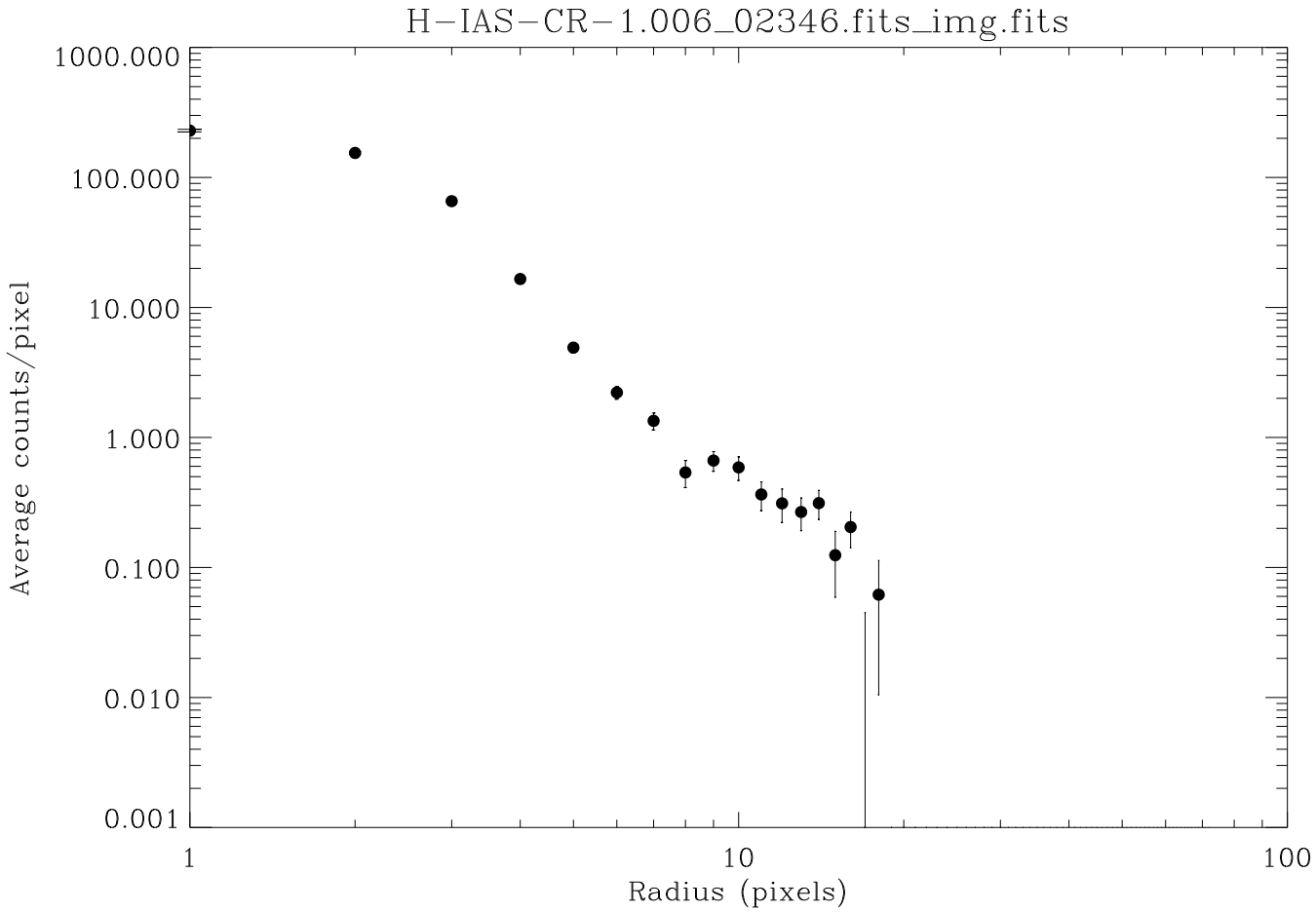
90% radius = 4.32518

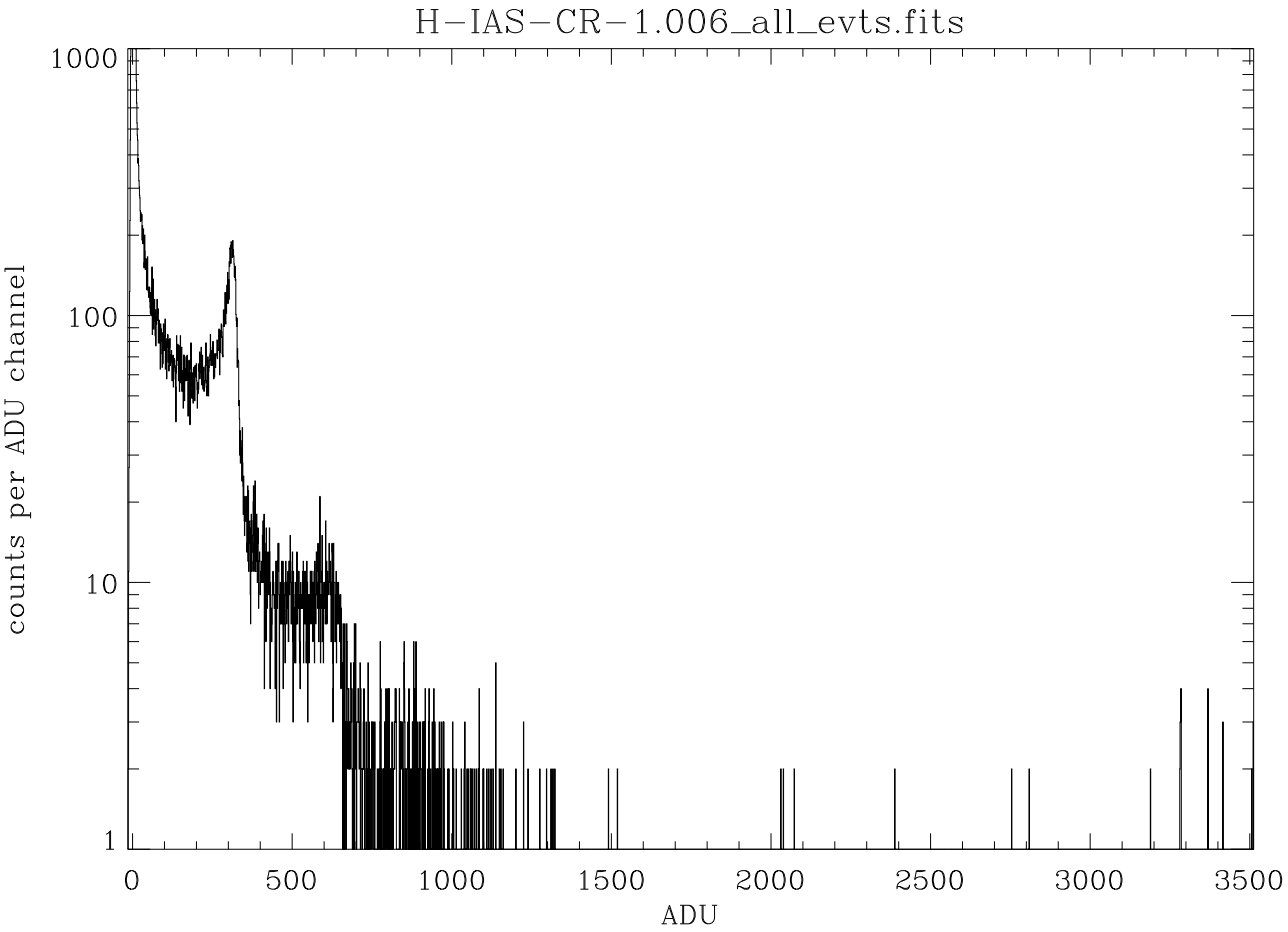
Encircled energy radii in microns

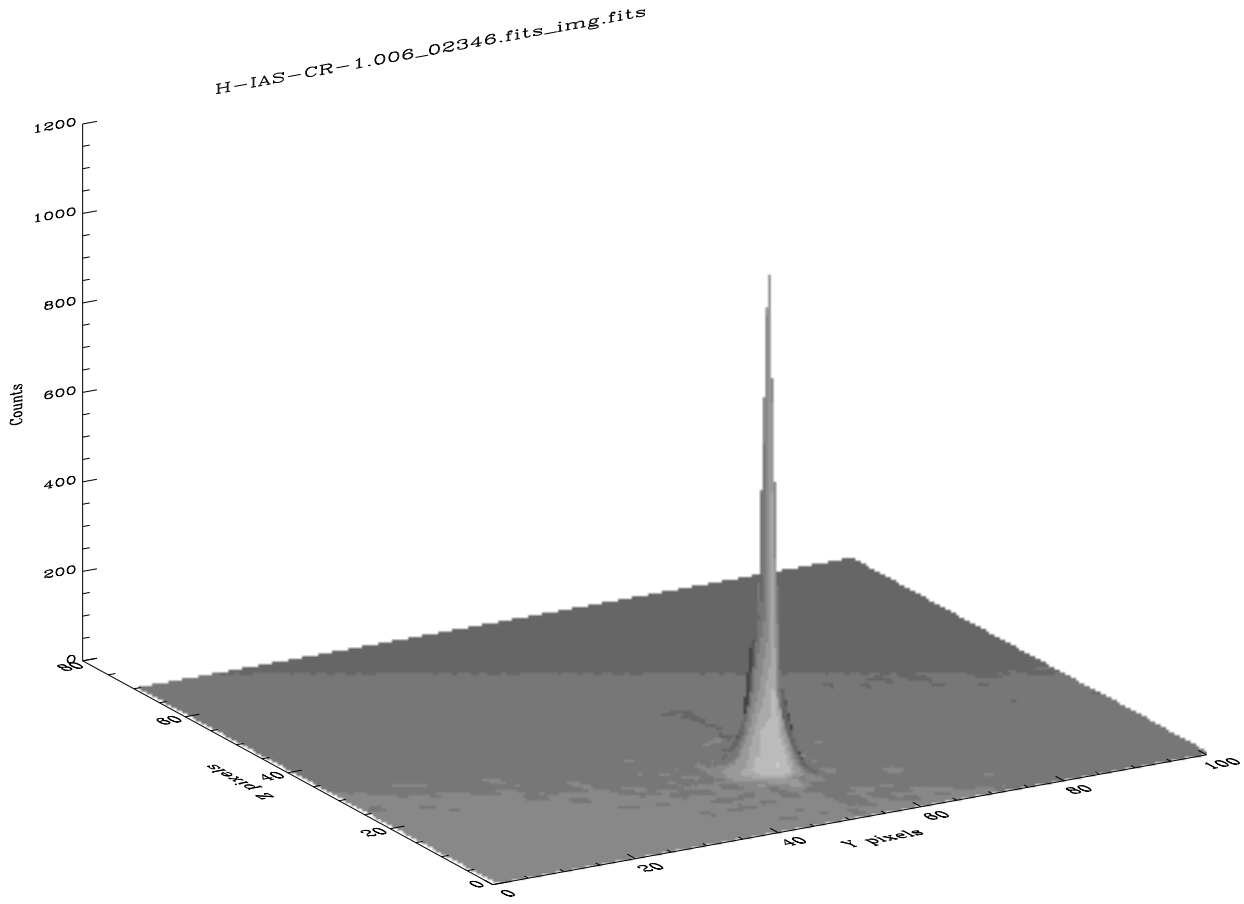
50% radius = 45.9943

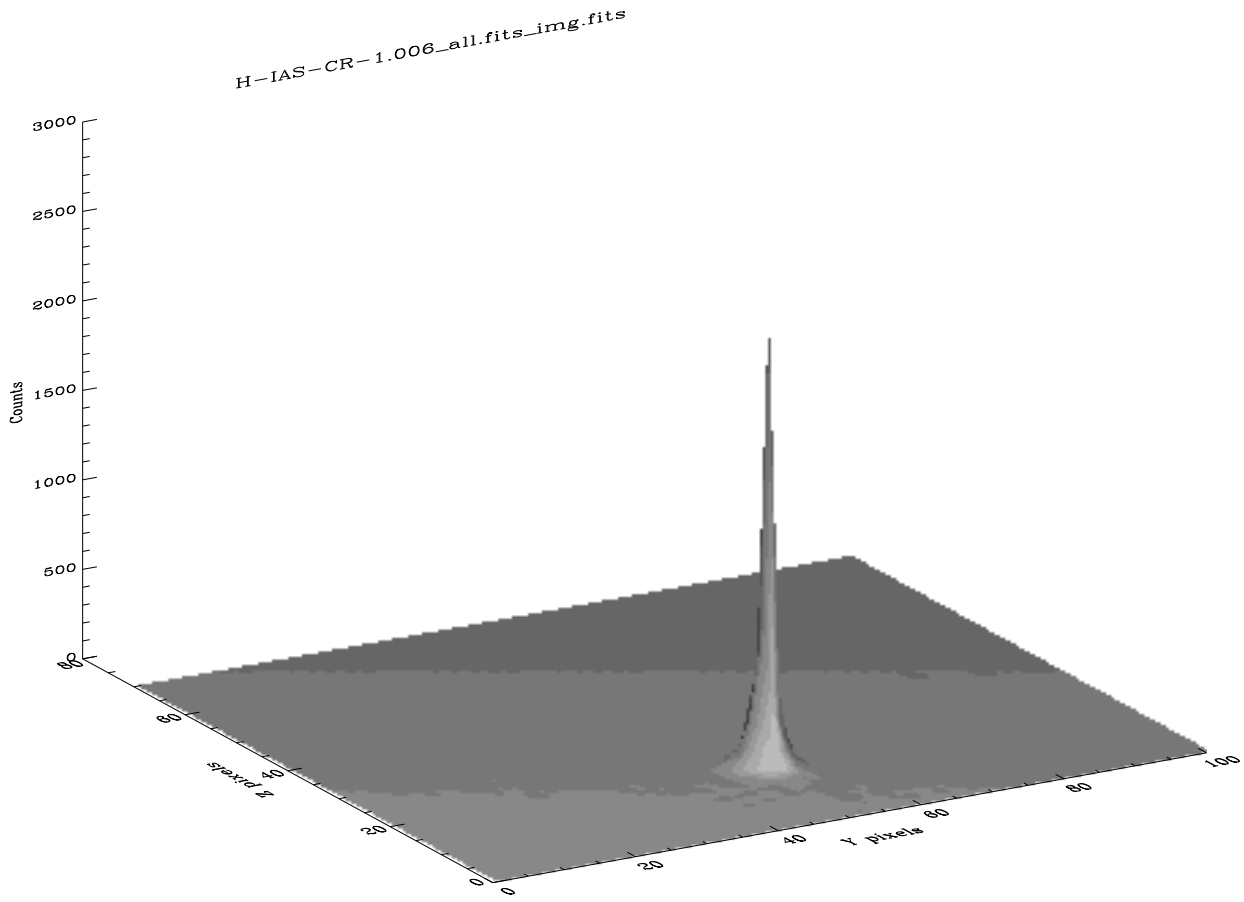
70% radius = 63.7861

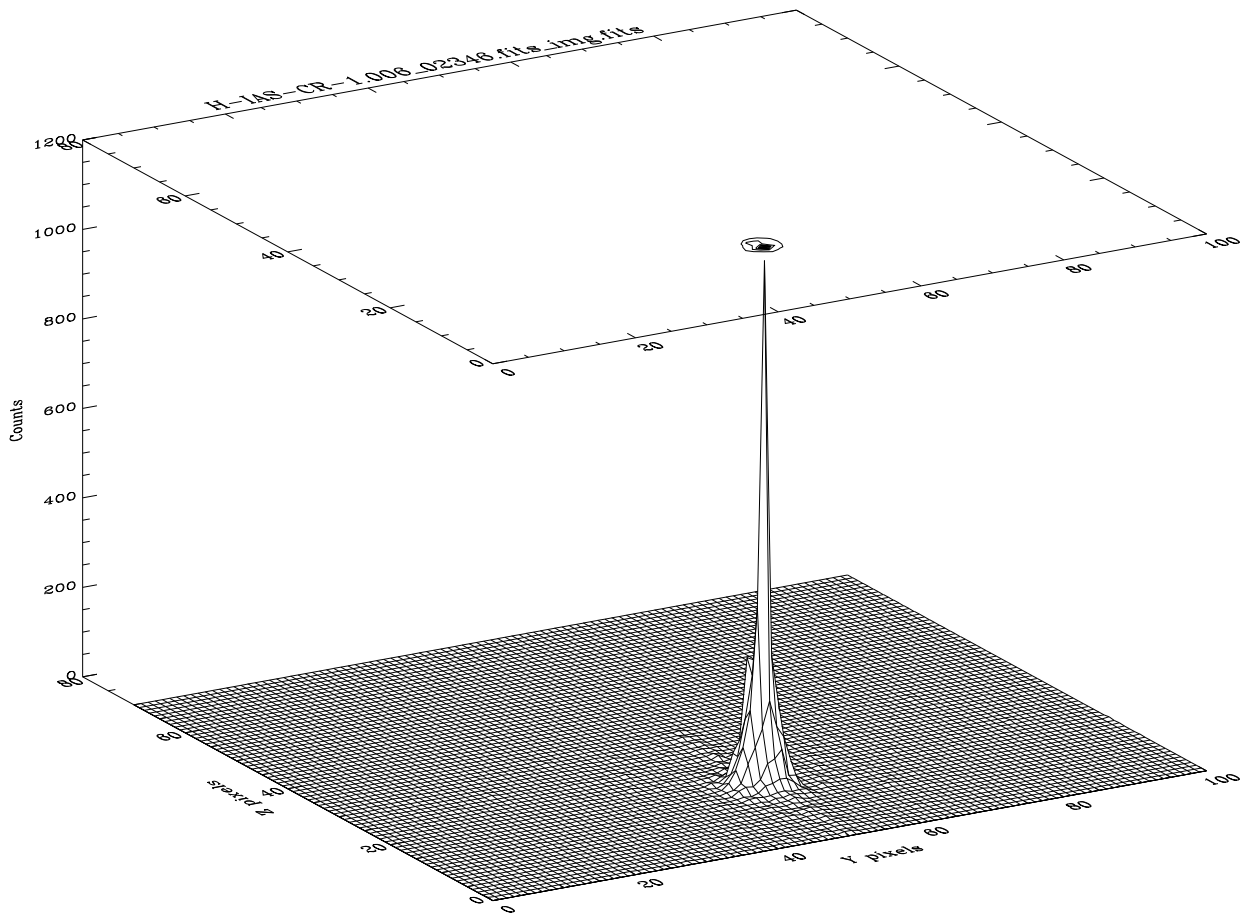
90% radius = 103.804

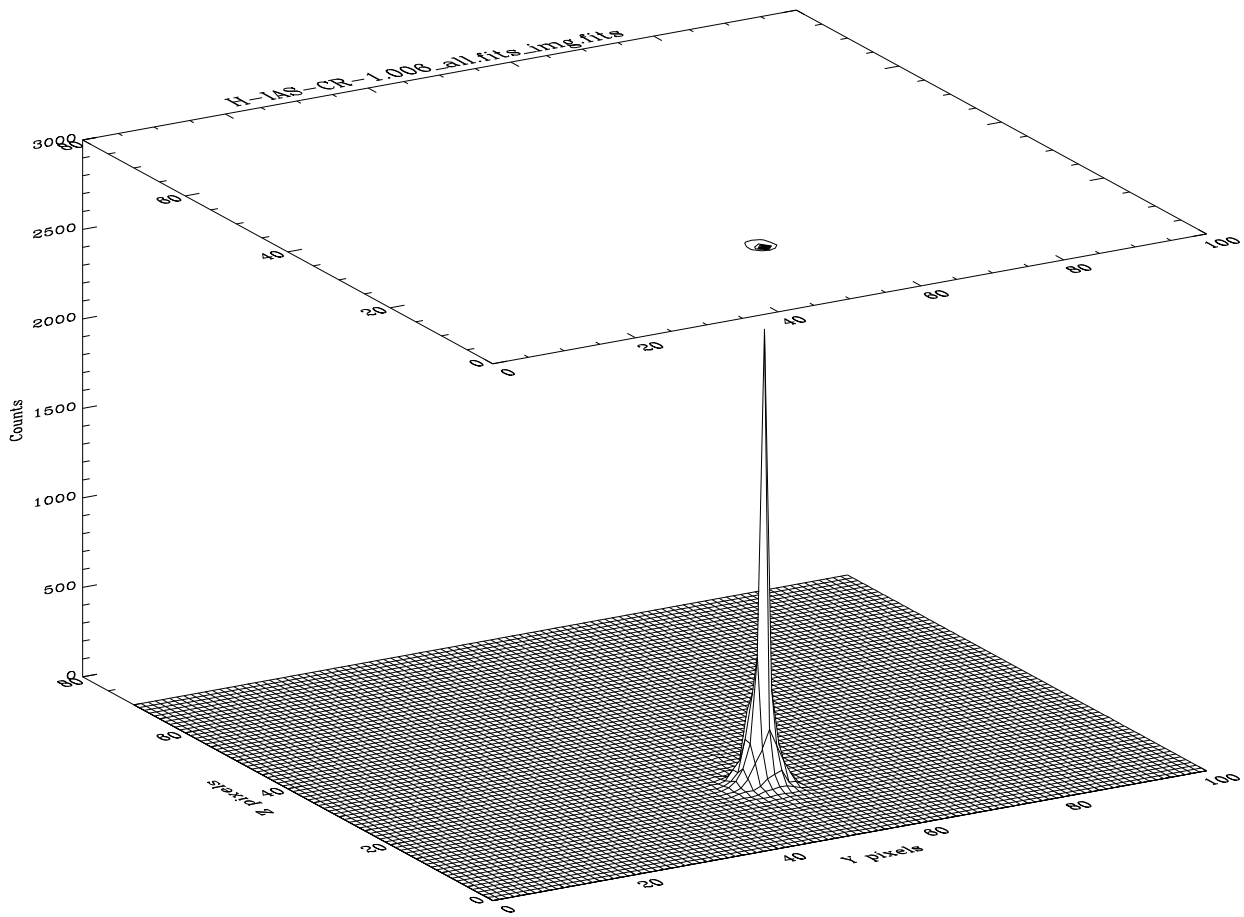

H-IAS-CR-1.006_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)

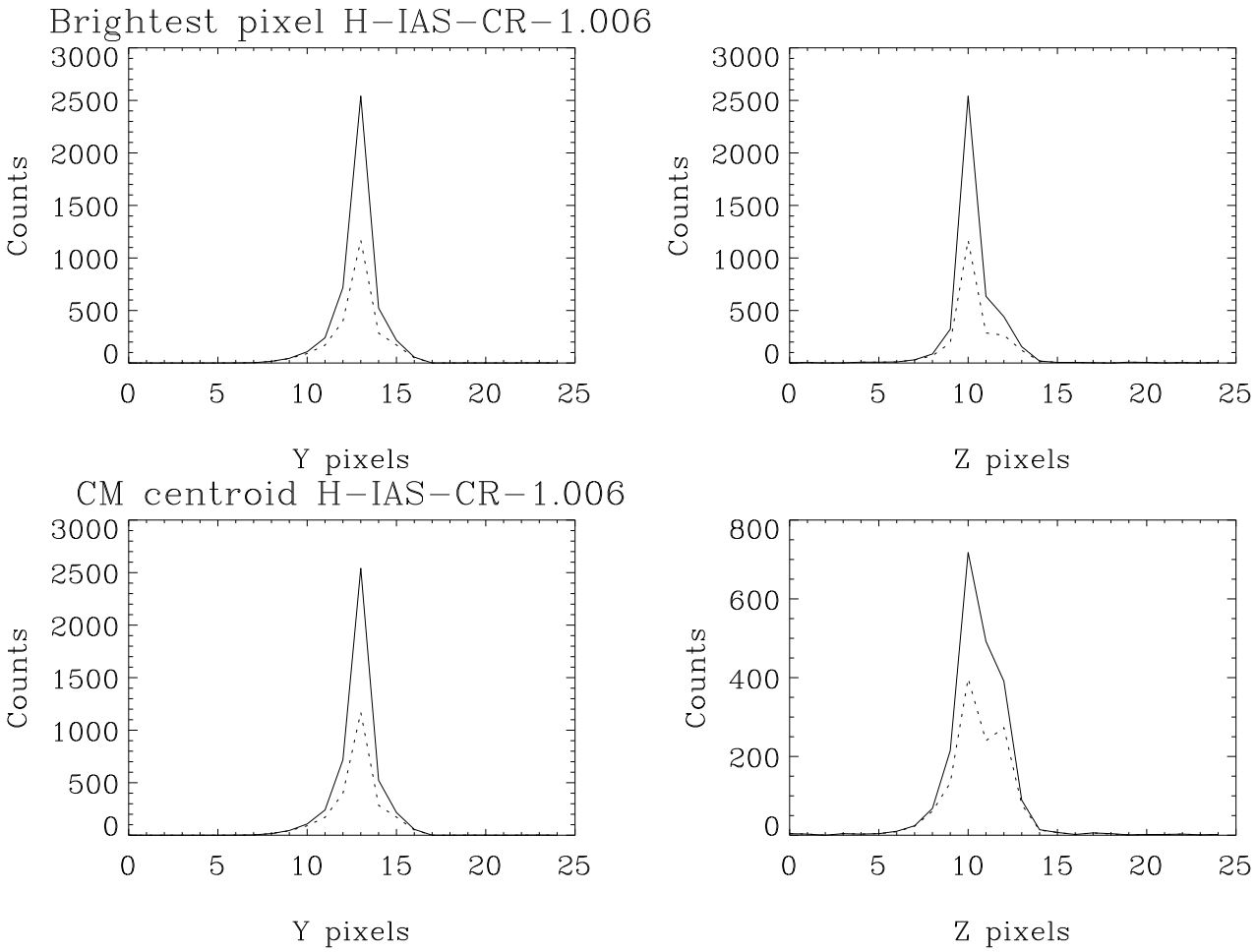

H-IAS-CR-1.006_all_evts.fits
1000
100
10
1
counts per ADU channel
0
500
1000
1500
2000
2500
3000
3500
ADU


H-IAS-CR-1.006_02346.fits_img.fits
Counts
1200
1000
800
600
400
200
0
X pixels
0
20
40
60
80
100
Y Pixels


H-IAS-CR-1.006_all.fits_img.fits
Counts
3000
2500
2000
1500
1000
500
0
x pixels
0
20
40
60
80
100
y pixels


H-1AS-CR-1.006_02348.fits_img.fits
Counts
1200
1000
800
600
400
200
0
X pixels
Y pixels
0
20
40
60
80
100


H_1AS_CR_1.008_all.fits_img.fits
Counts
3000
2500
2000
1500
1000
500
0
X pixels
Y pixels
0
20
40
60
80
100




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

Brightest pixel (Y,Z)

| | | |
|---|---|---|
| All grades | 13 | 10 |
| Std. grades | 13 | 10 |

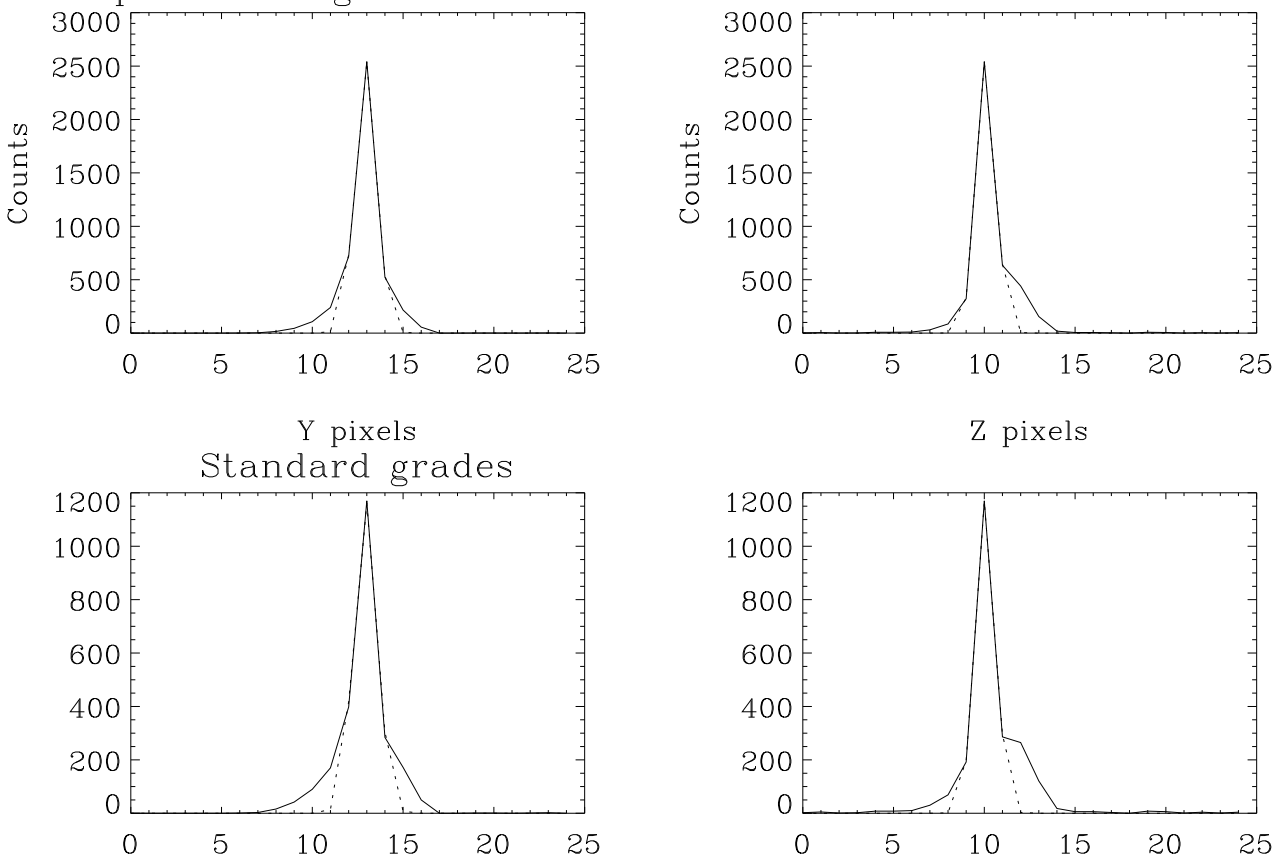
CM Centroid (Y,Z)

| | | |
|---|---|---|
| All grades | 12.8642 | 10.5172 |
| Std. grades | 12.8341 | 10.5793 |

Brightest pixel maxima

| | |
|---|---|
| All grades: | 2542 |
| Std. grades: | 1170 |

Brightest pixel – All grades H–IAS–CR–1.006




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

| | Integrated | Analytical |
|---|---|---|
| All Y | 4377.7787 | 3819.1339 |
| Std Y | 2103.3756 | 1902.7334 |
| All Z | 2747.5220 | 3505.1745 |
| Std Z | 1326.4676 | 1659.1662 |

| | amplitude | offset | sigma | FWHM |
|---|---|---|---|---|
| All Y: | 2547.7504 | 12.944469 | 0.59802325 | 1.4077468 |
| Std Y: | 1167.0457 | 12.932927 | 0.65042938 | 1.5311108 |
| All Z: | 2581.2456 | 10.098428 | 0.54173934 | 1.2752545 |
| Std Z: | 1174.9589 | 10.063419 | 0.56334867 | 1.3261228 |