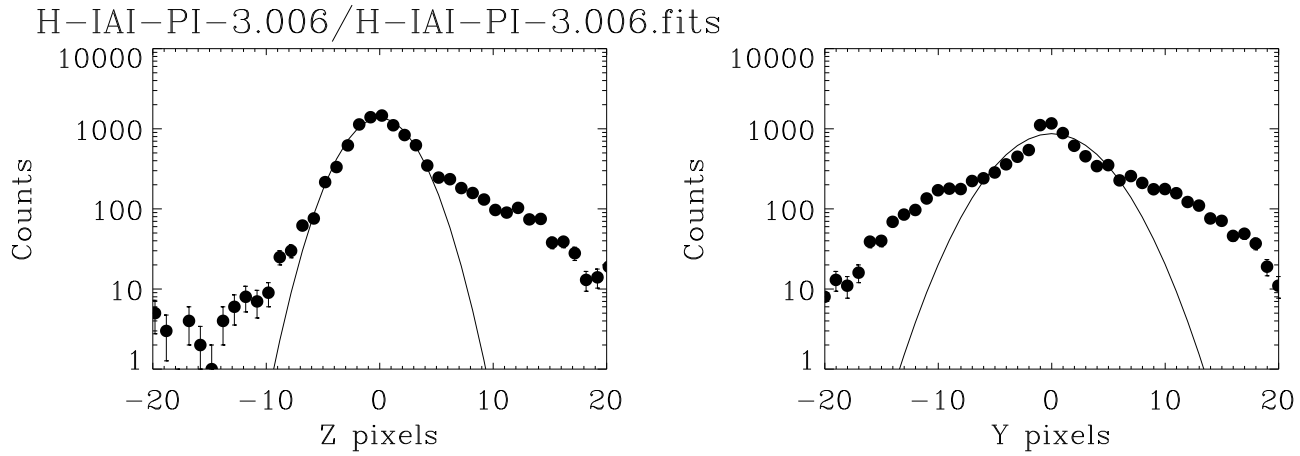


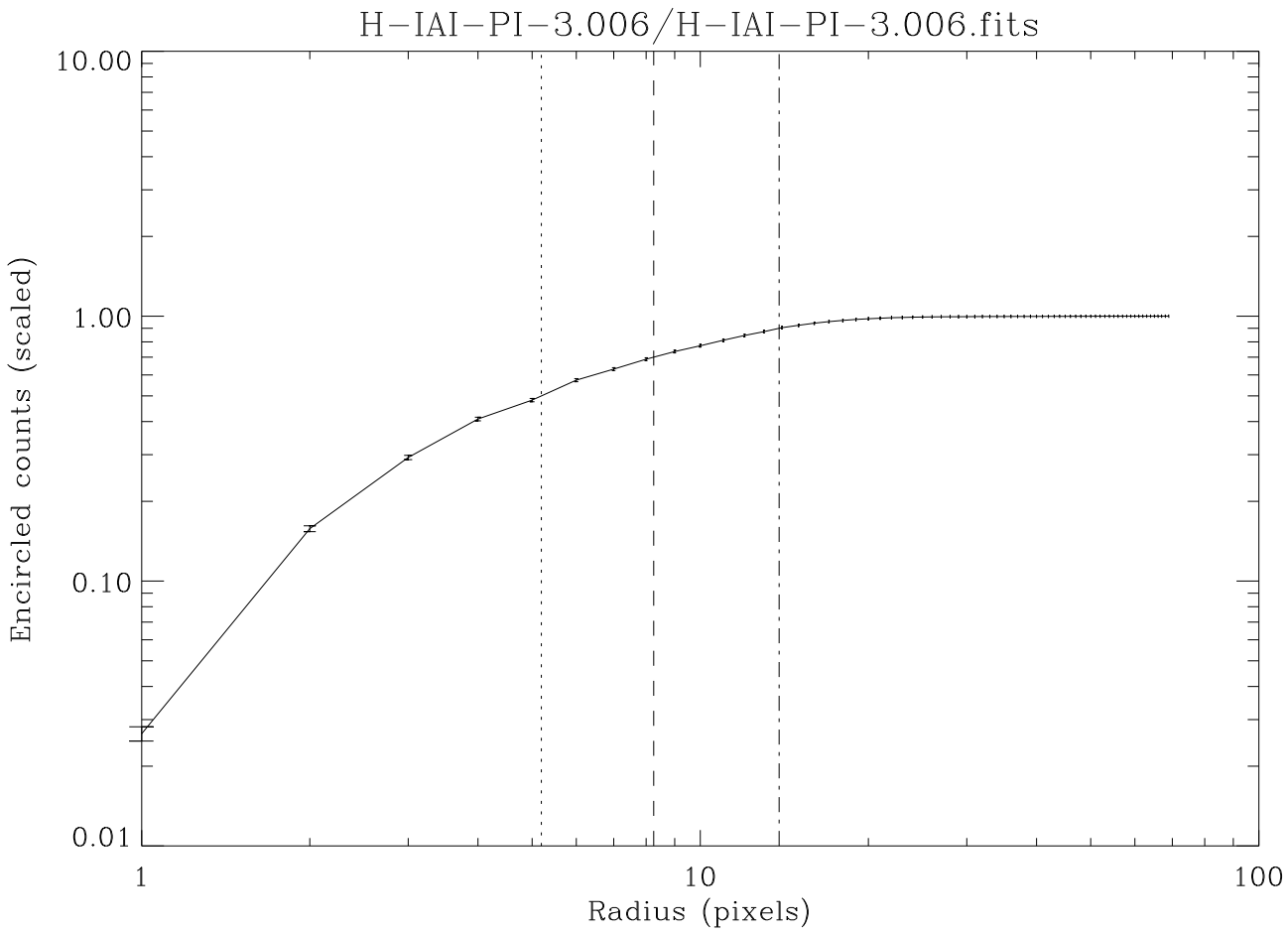

All measurements in pixels

Z gaussian FWHM = 5.7912557

Y gaussian FWHM = 8.5841390

Z fit parameters: Amplitude= 1386 Offset= 31 Sigma= 2

Y fit parameters: Amplitude= 869 Offset= 49 Sigma= 3




Encircled energy radii in pixels

50% radius = 5.19491

70% radius = 8.25279

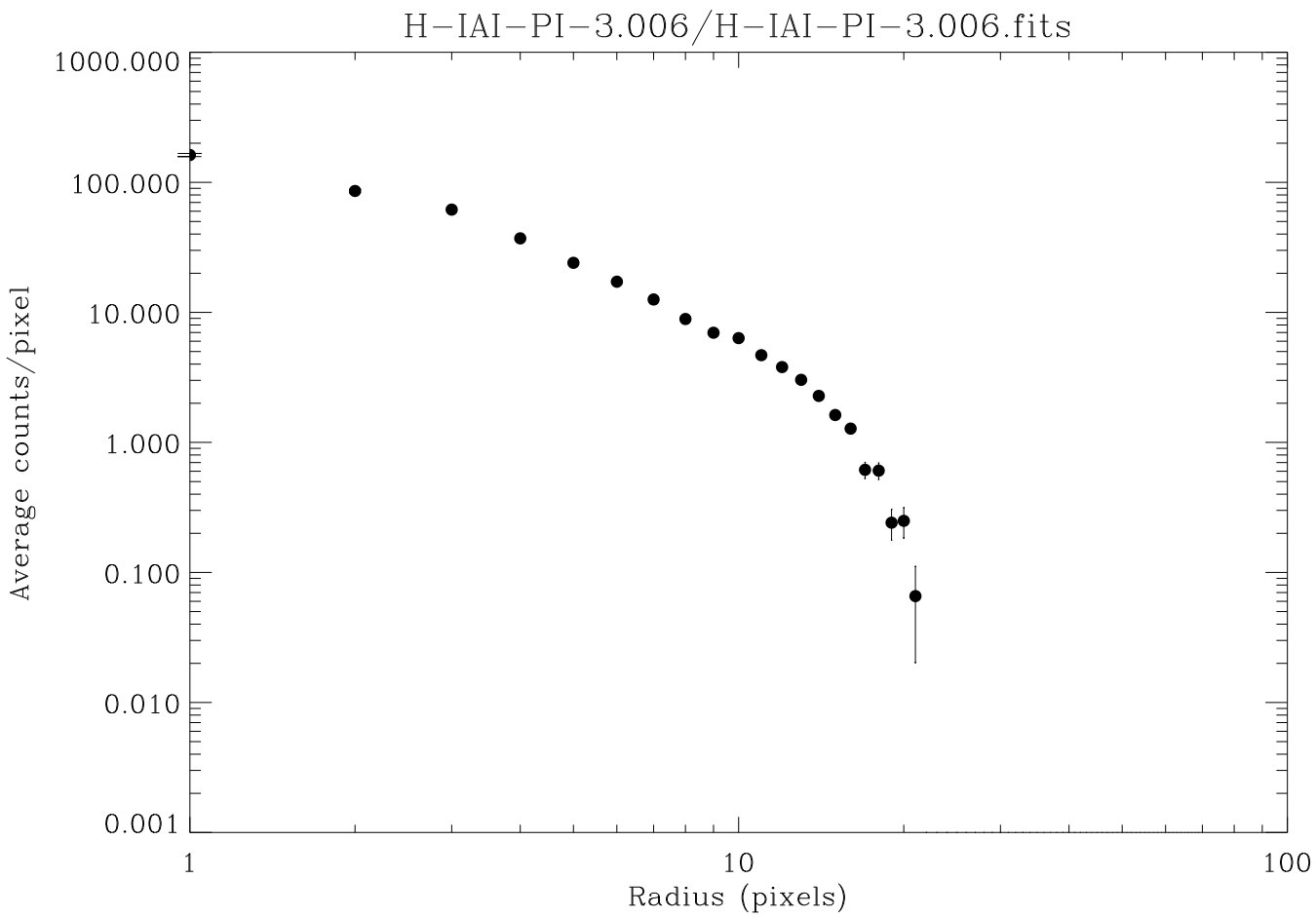
90% radius = 13.8430

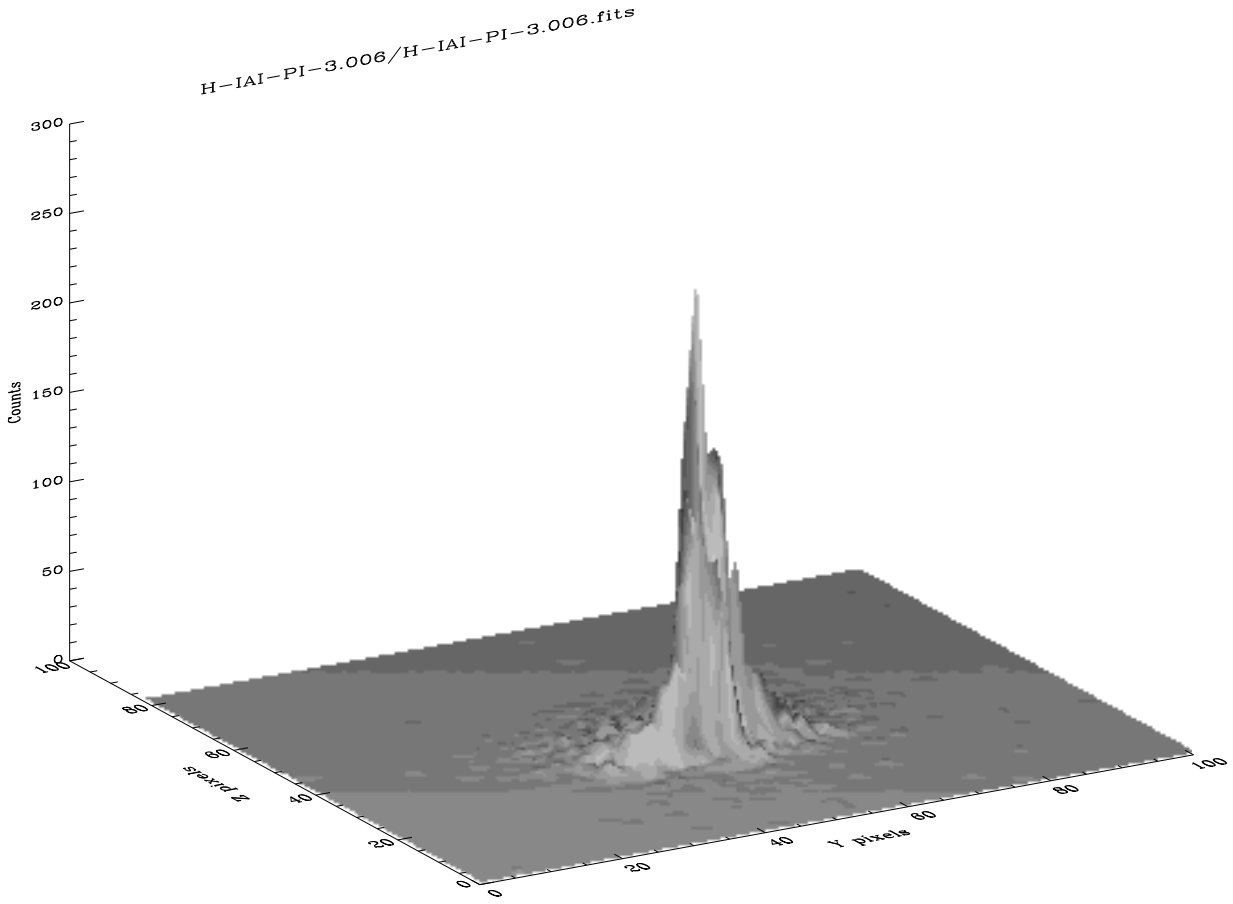
Encircled energy radii in microns

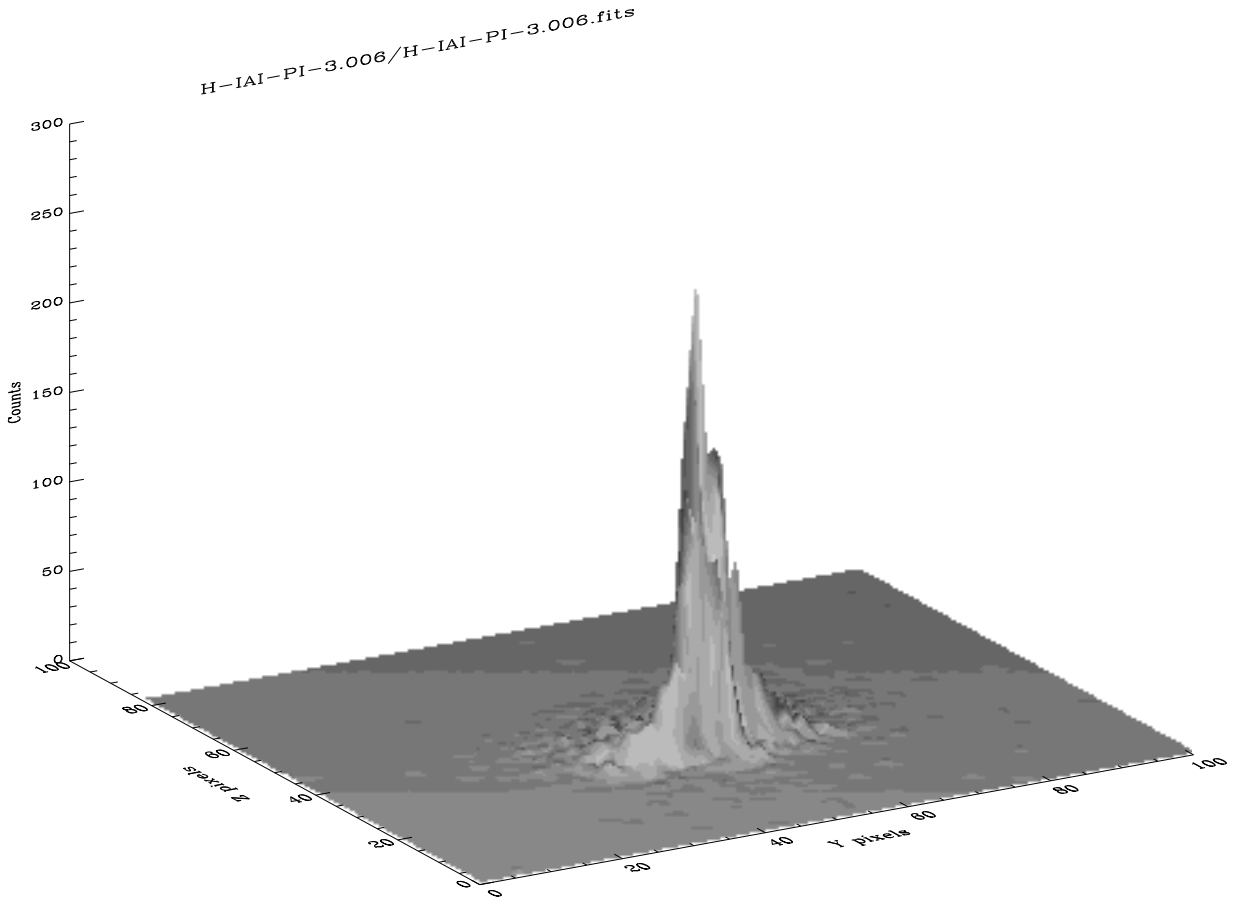
50% radius = 124.678

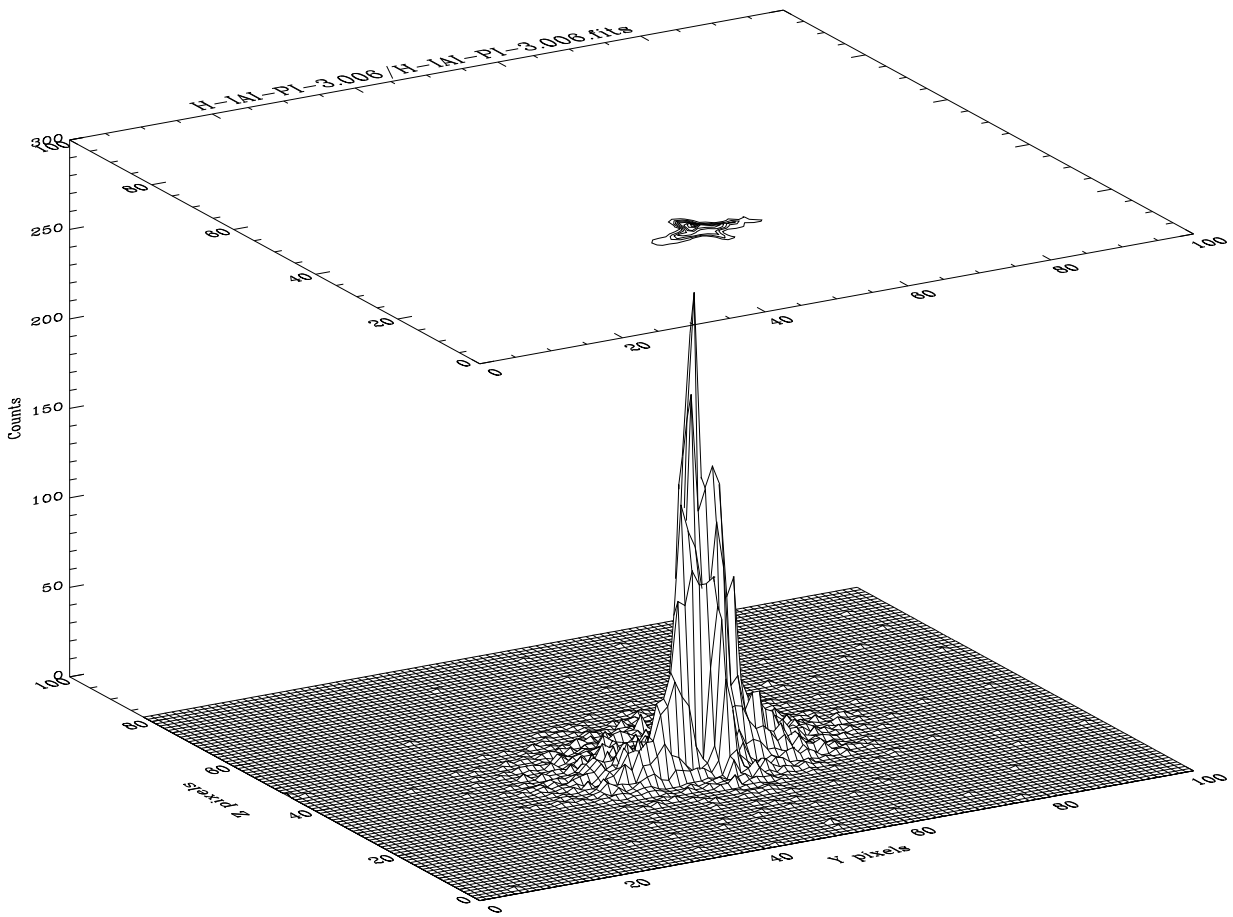
70% radius = 198.067

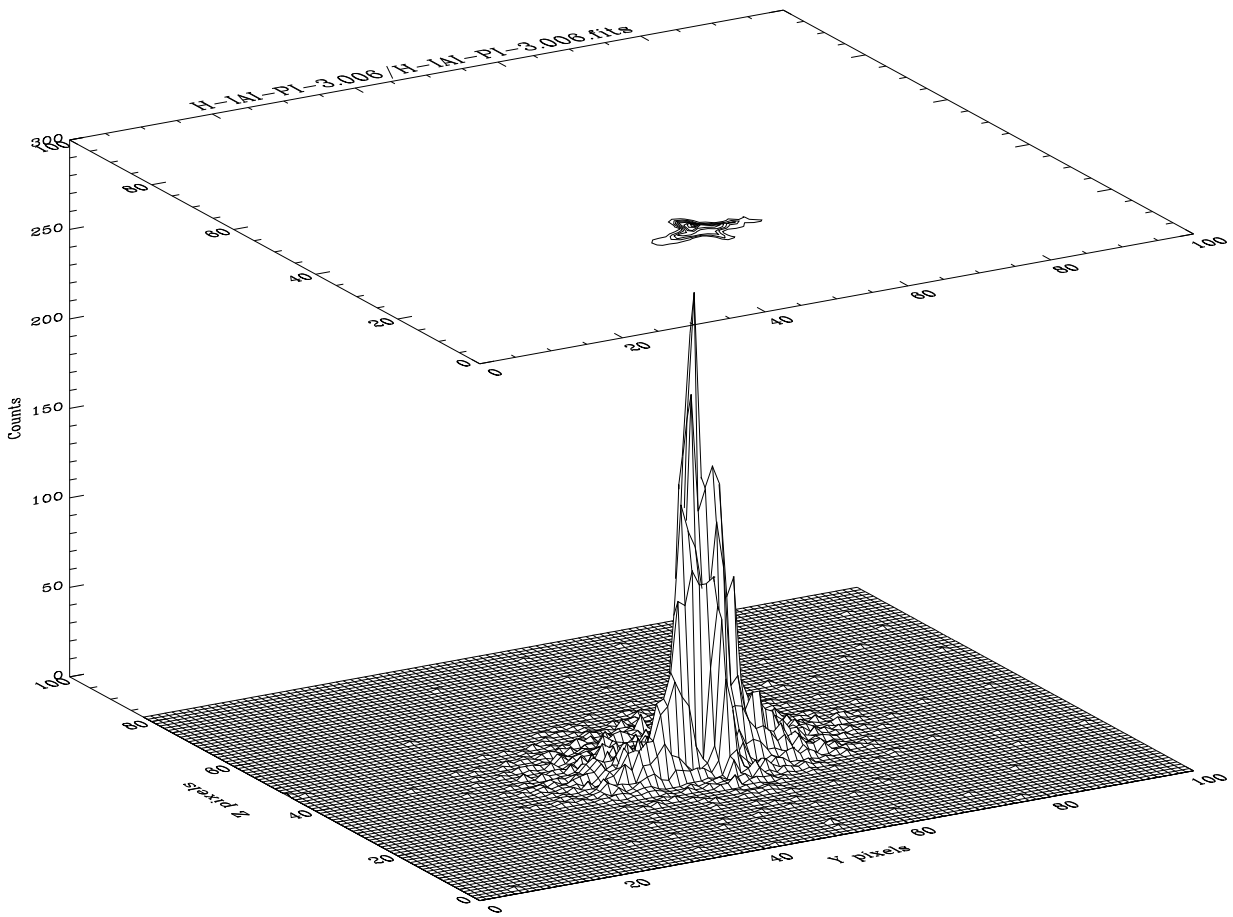
90% radius = 332.233

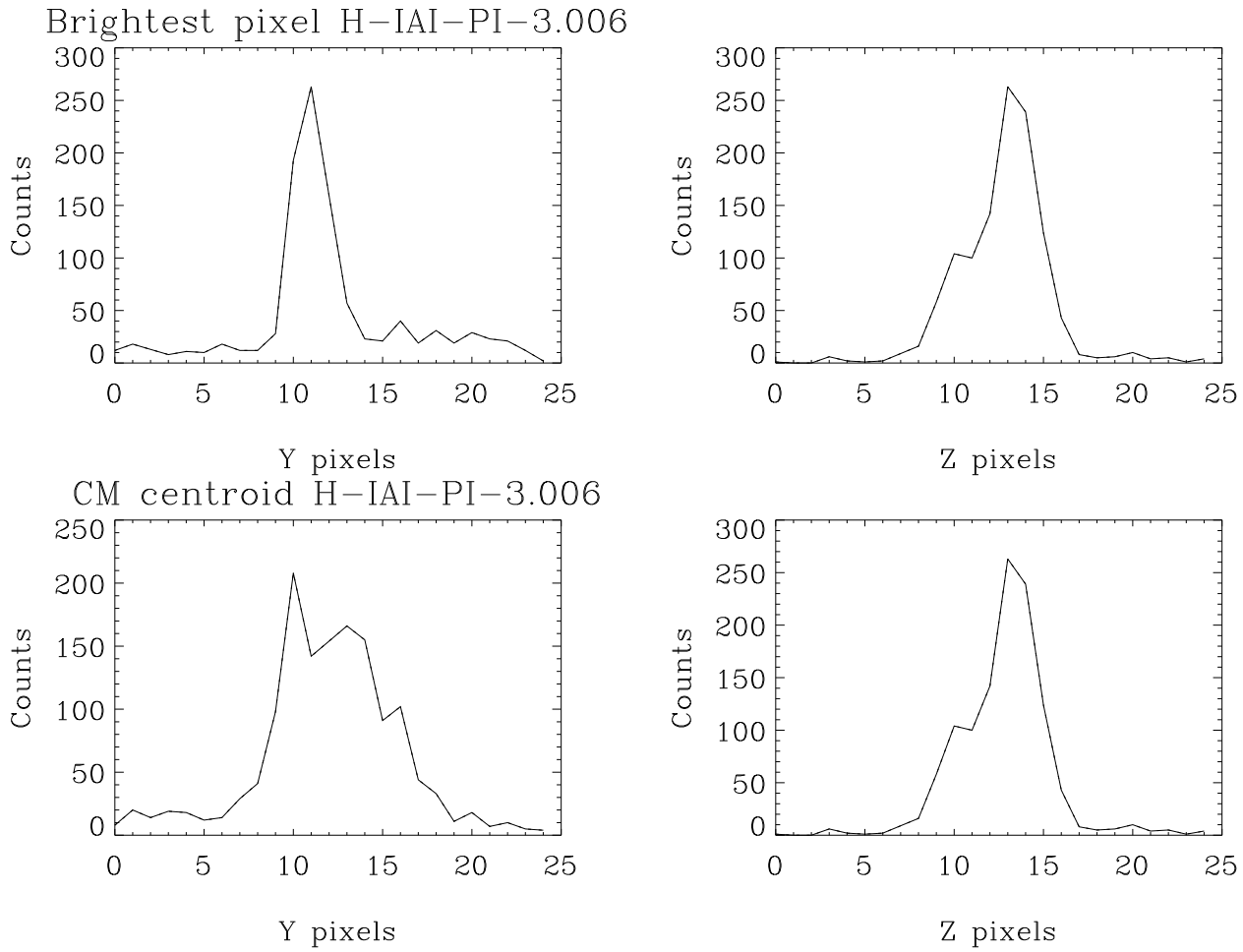

H−IAI−PI−3.006/H−IAI−PI−3.006.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-3.006/H-IAI-PI-3.006.fits
Counts
300
250
200
150
100
50
100
80
60
40
20
0
y pixels
0
20
40
60
80
100
x pixels


H-IAI-PI-3.006/H-IAI-PI-3.006.fits
Counts
300
250
200
150
100
50
100
80
60
40
20
0
y pixels
0
20
40
60
80
100
x pixels


H-1AI-P1-3.008/H-1AI-P1-3.008.fit*
Counts
X pixels
Y pixels


H-1AI-P1-3.008/H-1AI-P1-3.008.fit*
Counts
X pixels
Y pixels




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

Brightest pixel (Y,Z)

| | | |
|---|---|---|
| All grades | 11 | 13 |
| Std. grades | 11 | 13 |

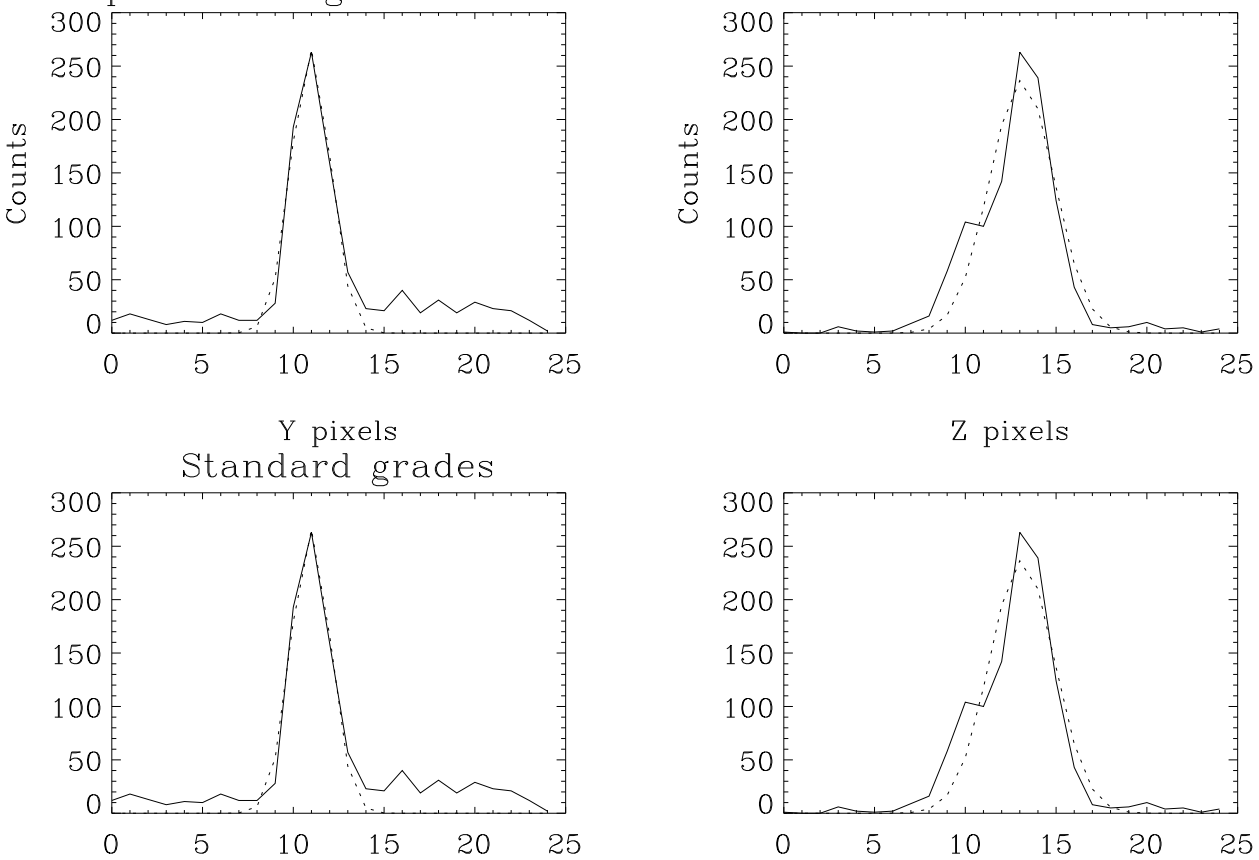
CM Centroid (Y,Z)

| | | |
|---|---|---|
| All grades | 11.3613 | 12.4720 |
| Std. grades | 11.3613 | 12.4720 |

Brightest pixel maxima

| | |
|---|---|
| All grades: | 263 |
| Std. grades: | 263 |

Brightest pixel – All grades H–IAI–PI–3.006




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

| | Integrated | Analytical |
|---|---|---|
| All Y | 720.08025 | 718.67420 |
| Std Y | 720.08025 | 718.67420 |
| All Z | 1063.2942 | 1063.4643 |
| Std Z | 1063.2942 | 1063.4643 |

| | amplitude | offset | sigma | FWHM |
|---|---|---|---|---|
| All Y: | 265.85197 | 10.955845 | 1.0784555 | 2.5386844 |
| Std Y: | 265.85197 | 10.955845 | 1.0784555 | 2.5386844 |
| All Z: | 236.92211 | 13.120494 | 1.7907188 | 4.2153522 |
| Std Z: | 236.92211 | 13.120494 | 1.7907188 | 4.2153522 |