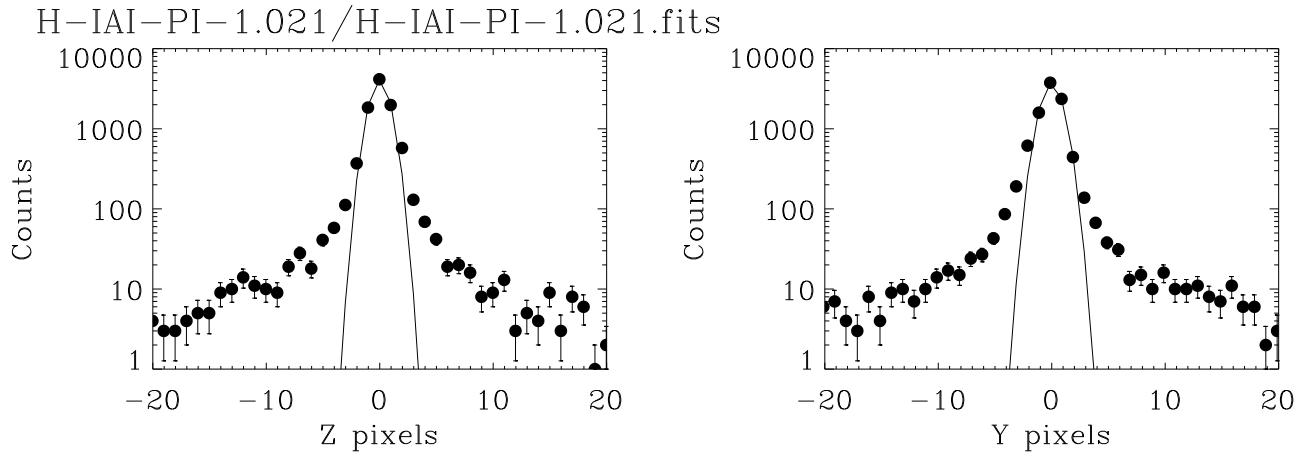
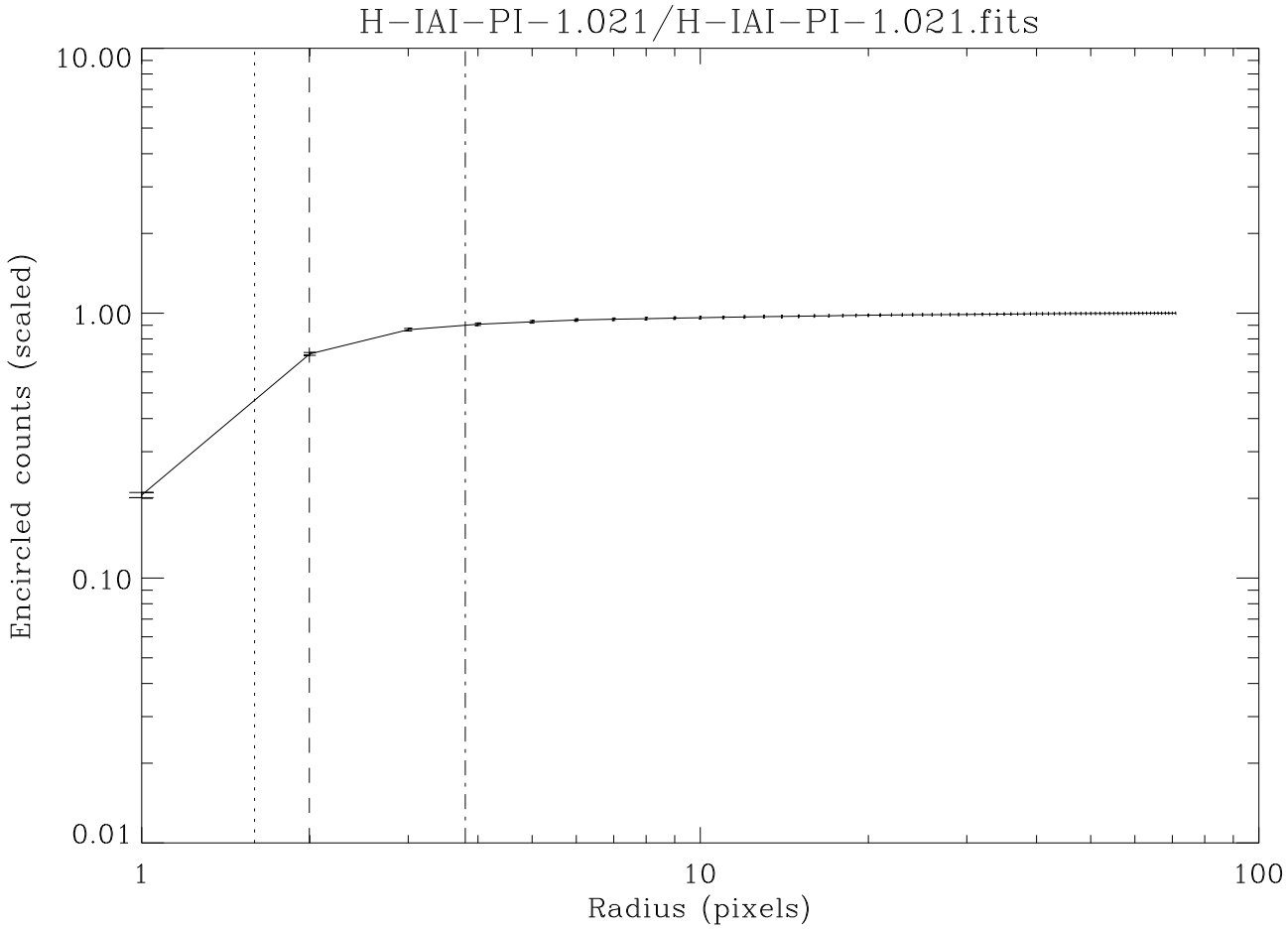



All measurements in pixels

Z gaussian FWHM = 1.9946002

Y gaussian FWHM = 2.1672728

| | | | | | | |
|---|---|---|---|---|---|---|
| Z fit parameters: | Amplitude= | 4068 | Offset= | 49 | Sigma= | 0 |
| Y fit parameters: | Amplitude= | 3727 | Offset= | 49 | Sigma= | 0 |




Encircled energy radii in pixels

50% radius = 1.59297

70% radius = 1.99603

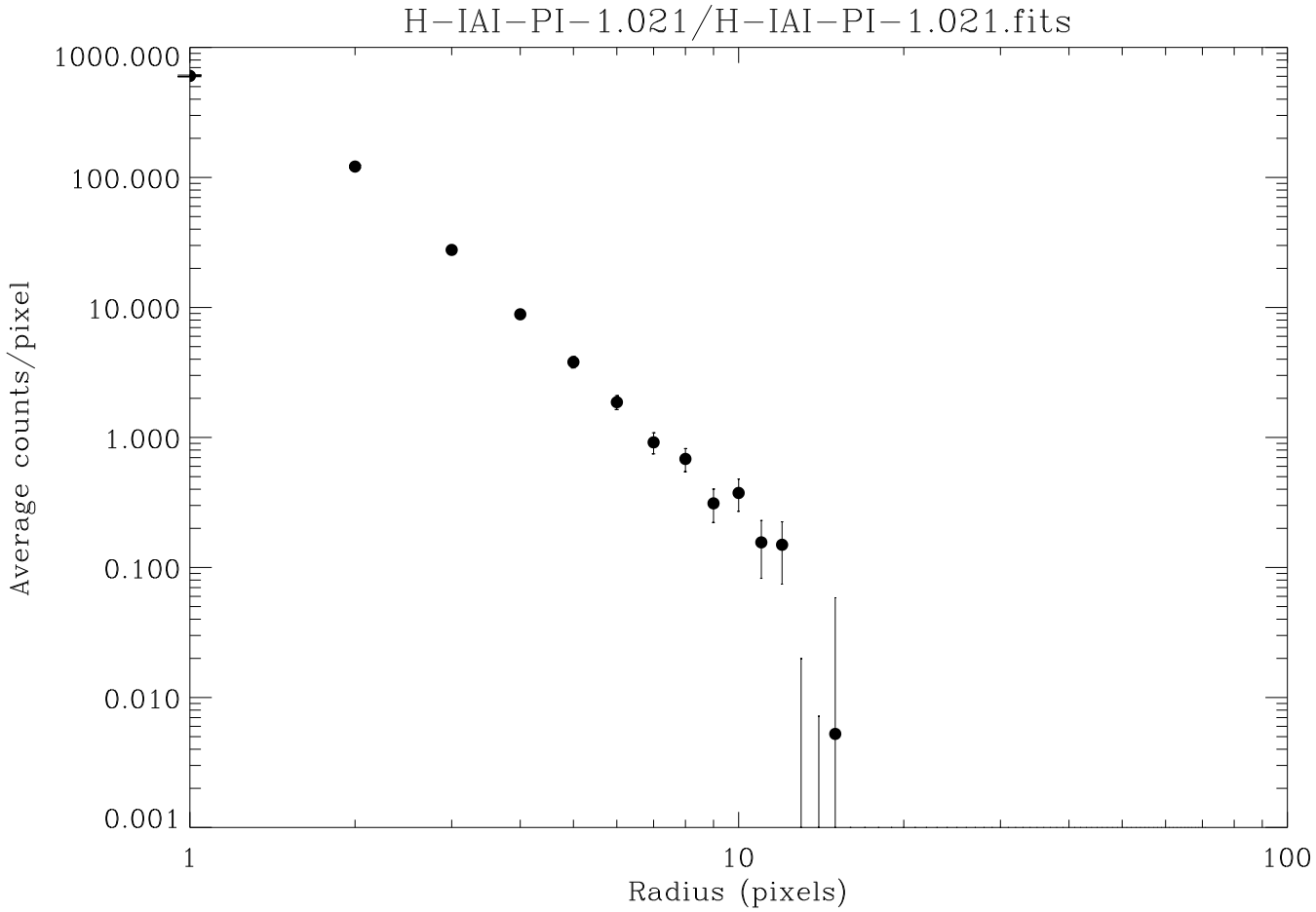
90% radius = 3.79614

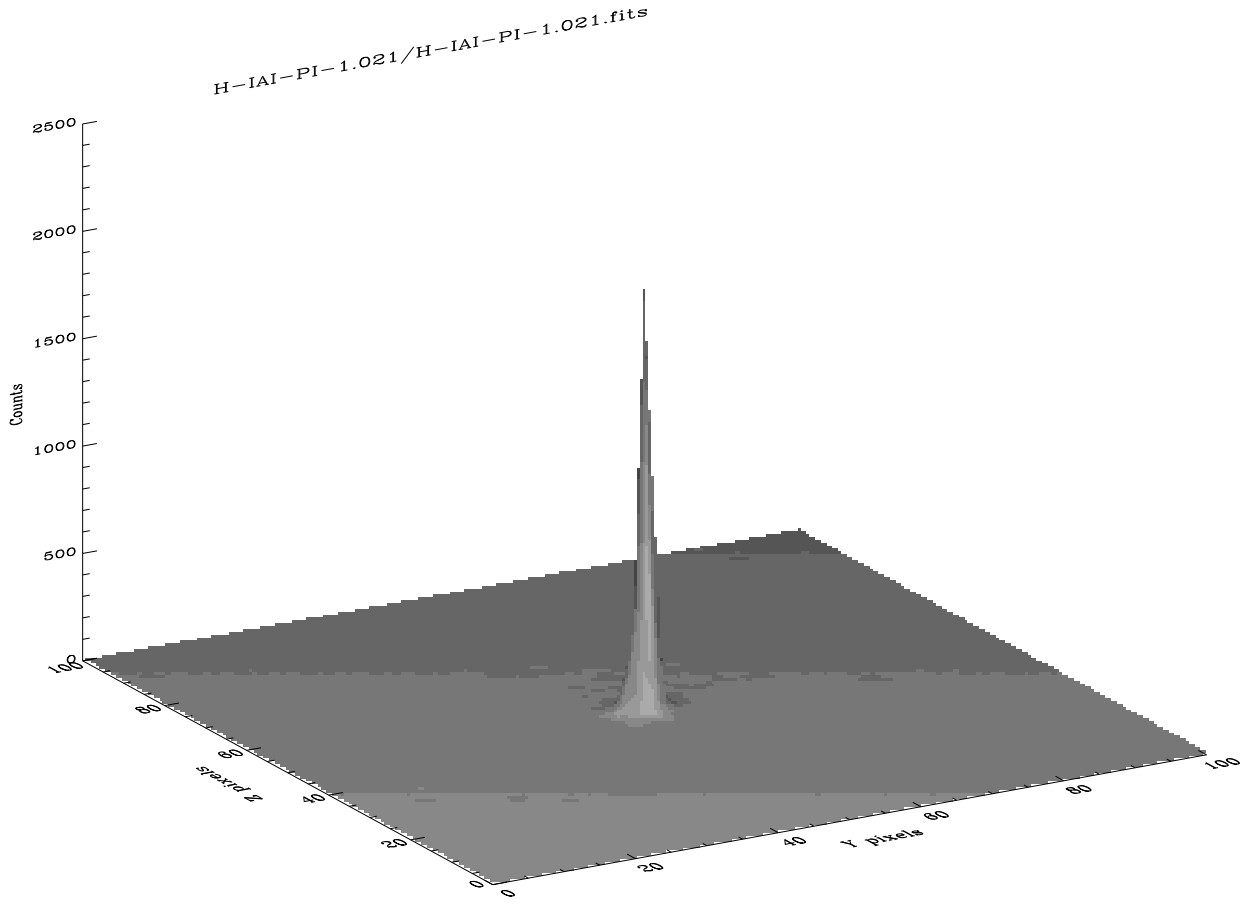
Encircled energy radii in microns

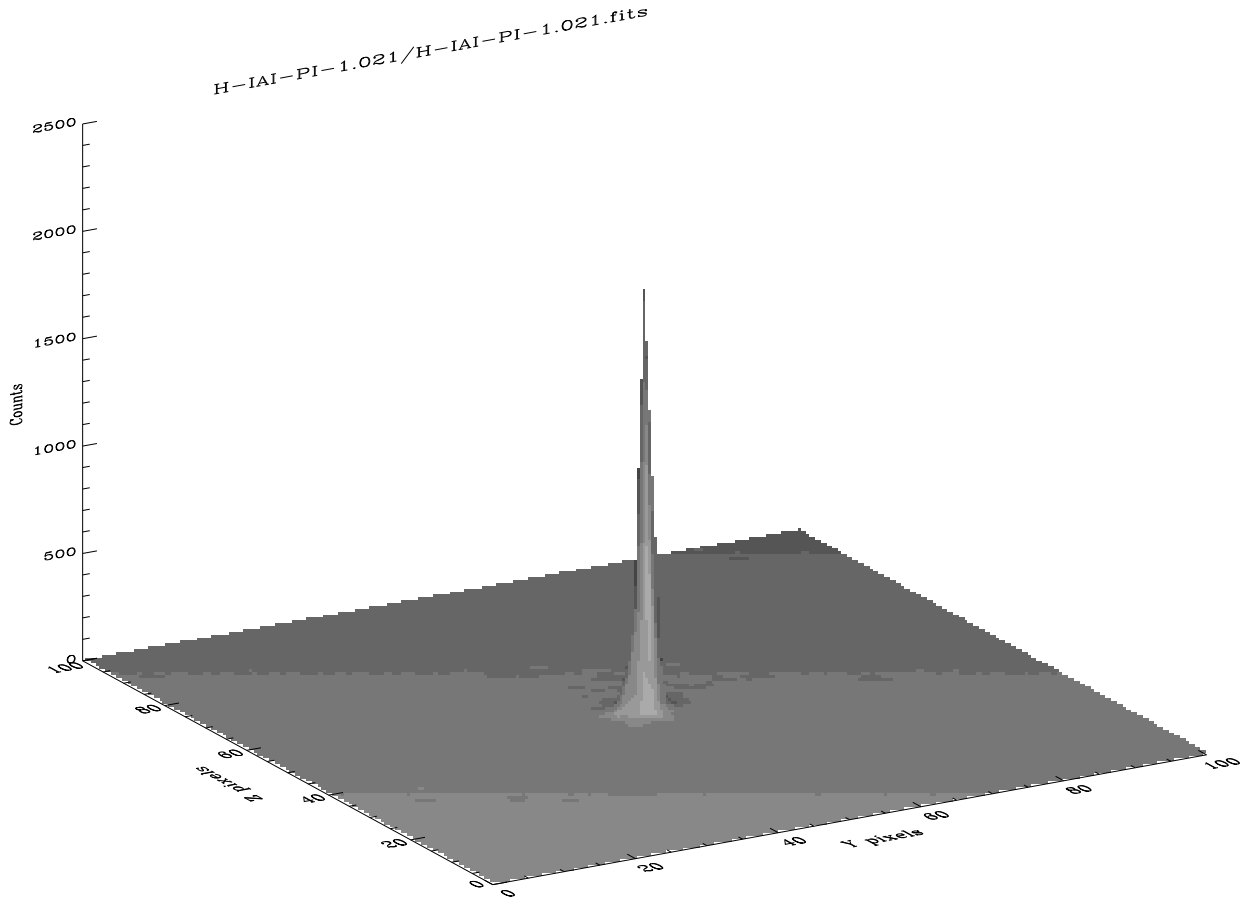
50% radius = 38.2312

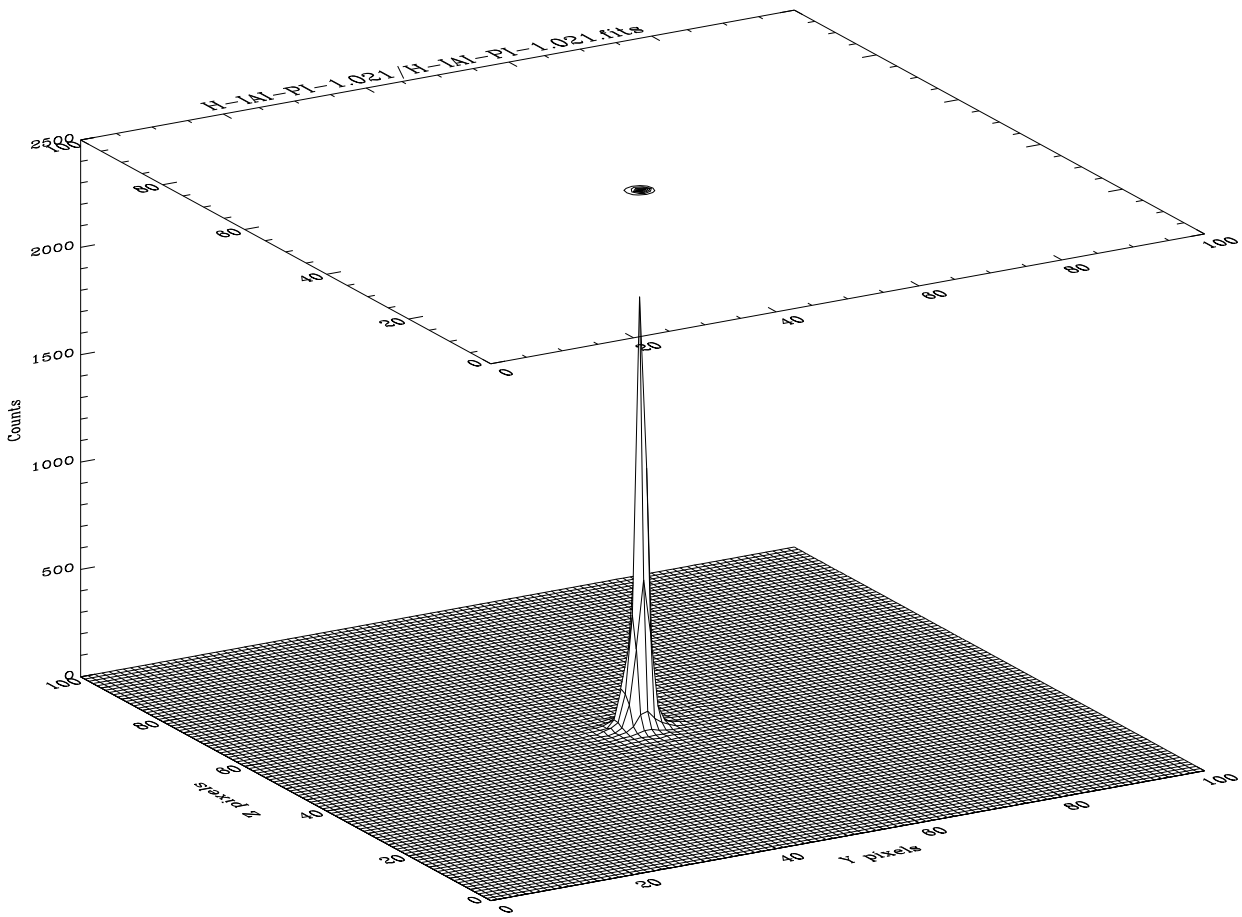
70% radius = 47.9047

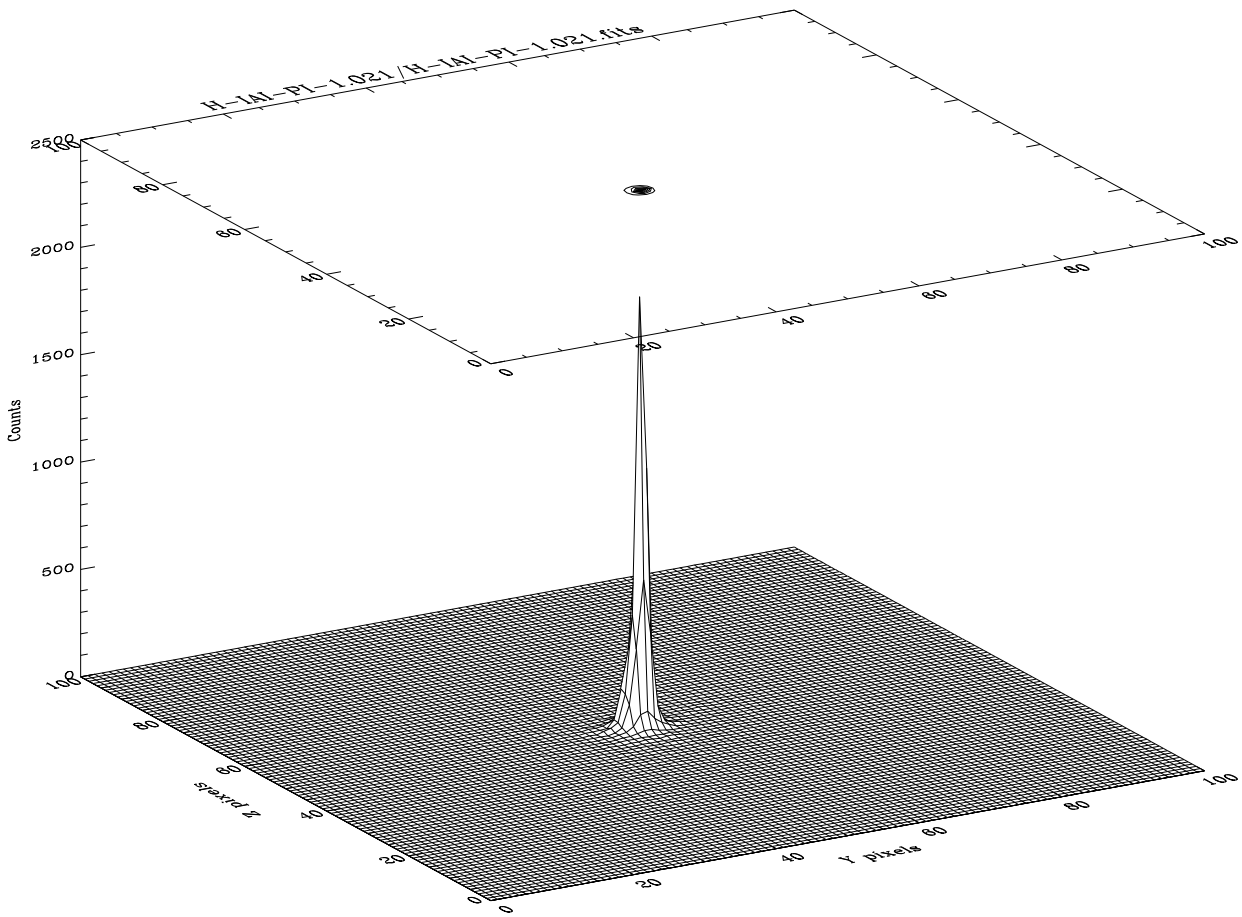
90% radius = 91.1072

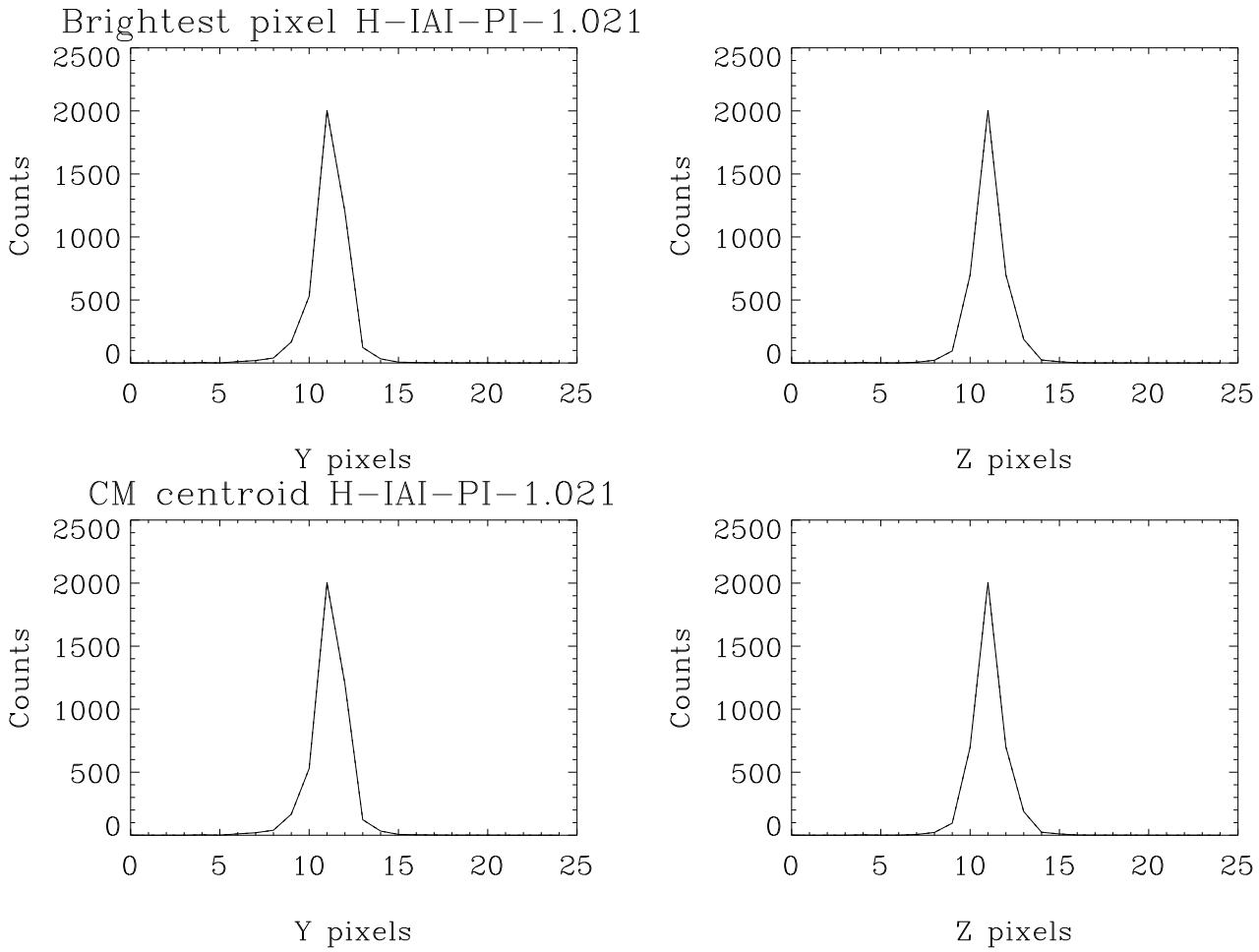

H−IAI−PI−1.021/H−IAI−PI−1.021.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-1.021/H-IAI-PI-1.021.fits
Counts
2500
2000
1500
1000
500
100
80
60
40
20
0
x pixels
0
20
40
60
80
100
y pixels


H-IAI-PI-1.021/H-IAI-PI-1.021.fits
Counts
2500
2000
1500
1000
500
100
80
60
40
20
0
x pixels
0
20
40
60
80
100
y pixels


H-1A1-P1-1.021/H-1A1-P1-1.021.fit*
Counts
X pixels
Y pixels


H-1A1-P1-1.021/H-1A1-P1-1.021.fit*
Counts
X pixels
Y pixels




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

Brightest pixel (Y,Z)

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

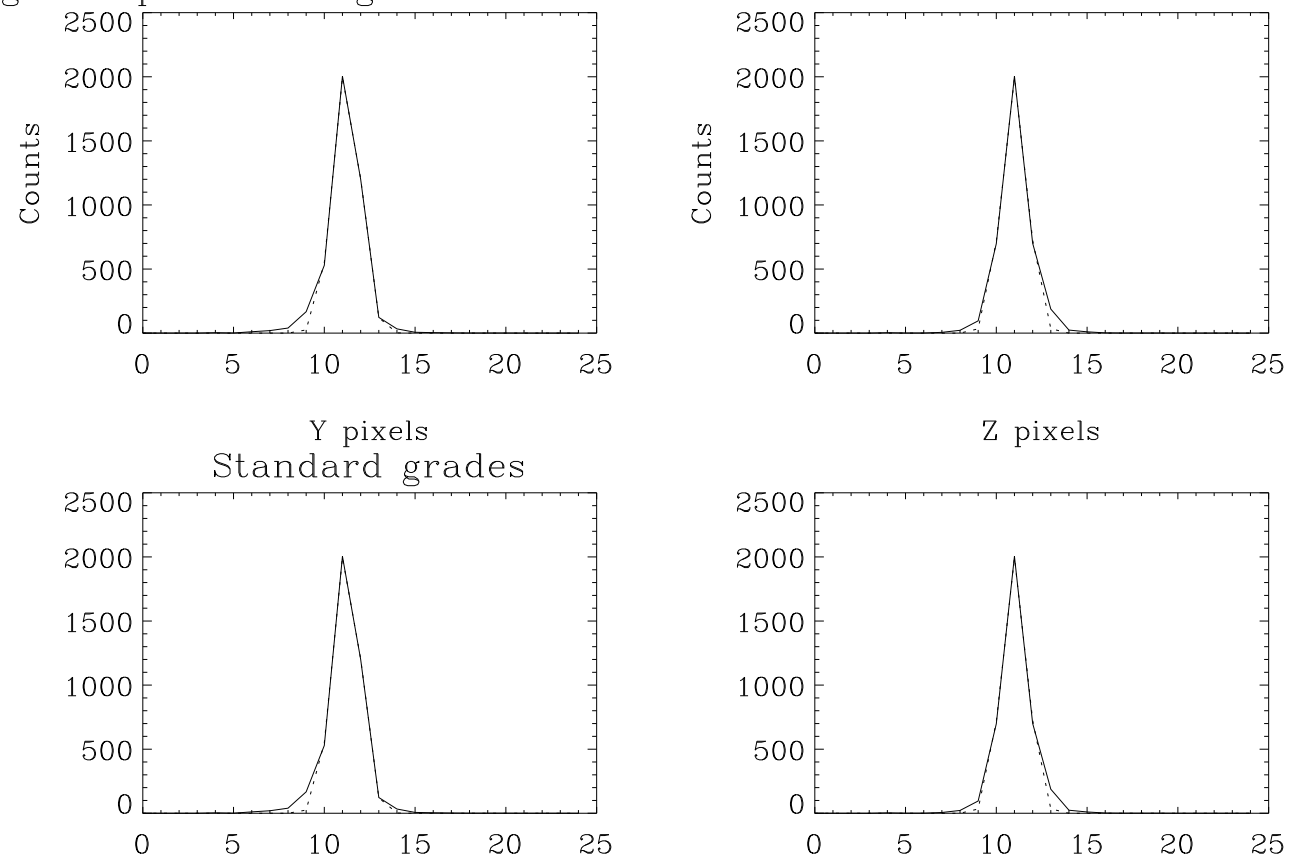
CM Centroid (Y,Z)

| | | |
|---|---|---|
| All grades | 11.0273 | 11.0613 |
| Std. grades | 11.0273 | 11.0613 |

Brightest pixel maxima

| | |
|---|---|
| All grades: | 2005 |
| Std. grades: | 2005 |

Brightest pixel – All grades H–IAI–PI–1.021




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

| | Integrated | Analytical |
|---|---|---|
| All Y | 4093.5500 | 3900.6864 |
| Std Y | 4093.5500 | 3900.6864 |
| All Z | 3764.9018 | 3501.6177 |
| Std Z | 3764.9018 | 3501.6177 |

| | amplitude | offset | sigma | FWHM |
|---|---|---|---|---|
| All Y: | 2086.6613 | 11.218507 | 0.74576007 | 1.7555193 |
| Std Y: | 2086.6613 | 11.218507 | 0.74576007 | 1.7555193 |
| All Z: | 1993.9263 | 11.003934 | 0.70059928 | 1.6492108 |
| Std Z: | 1993.9263 | 11.003934 | 0.70059928 | 1.6492108 |