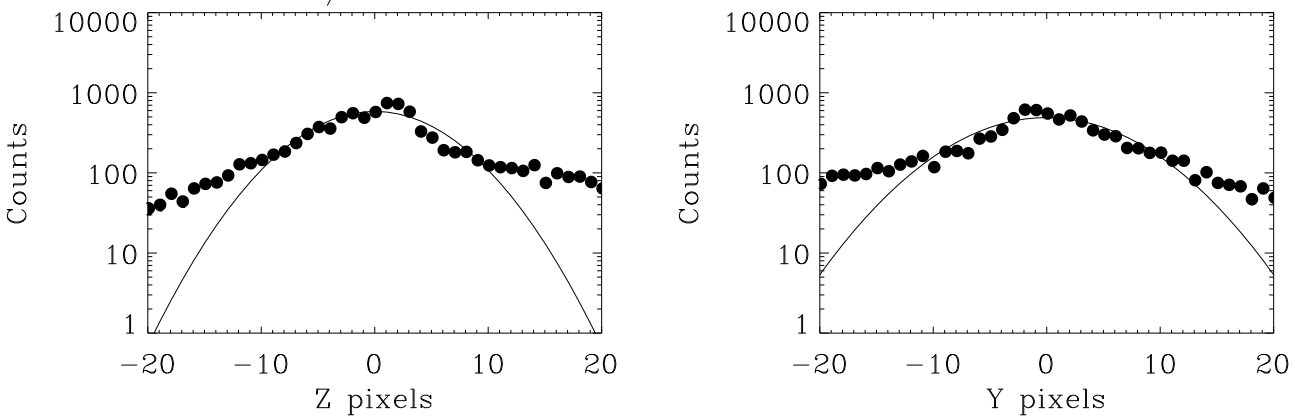
H−IAI−PI−2.020/H−IAI−PI−2.020.fits



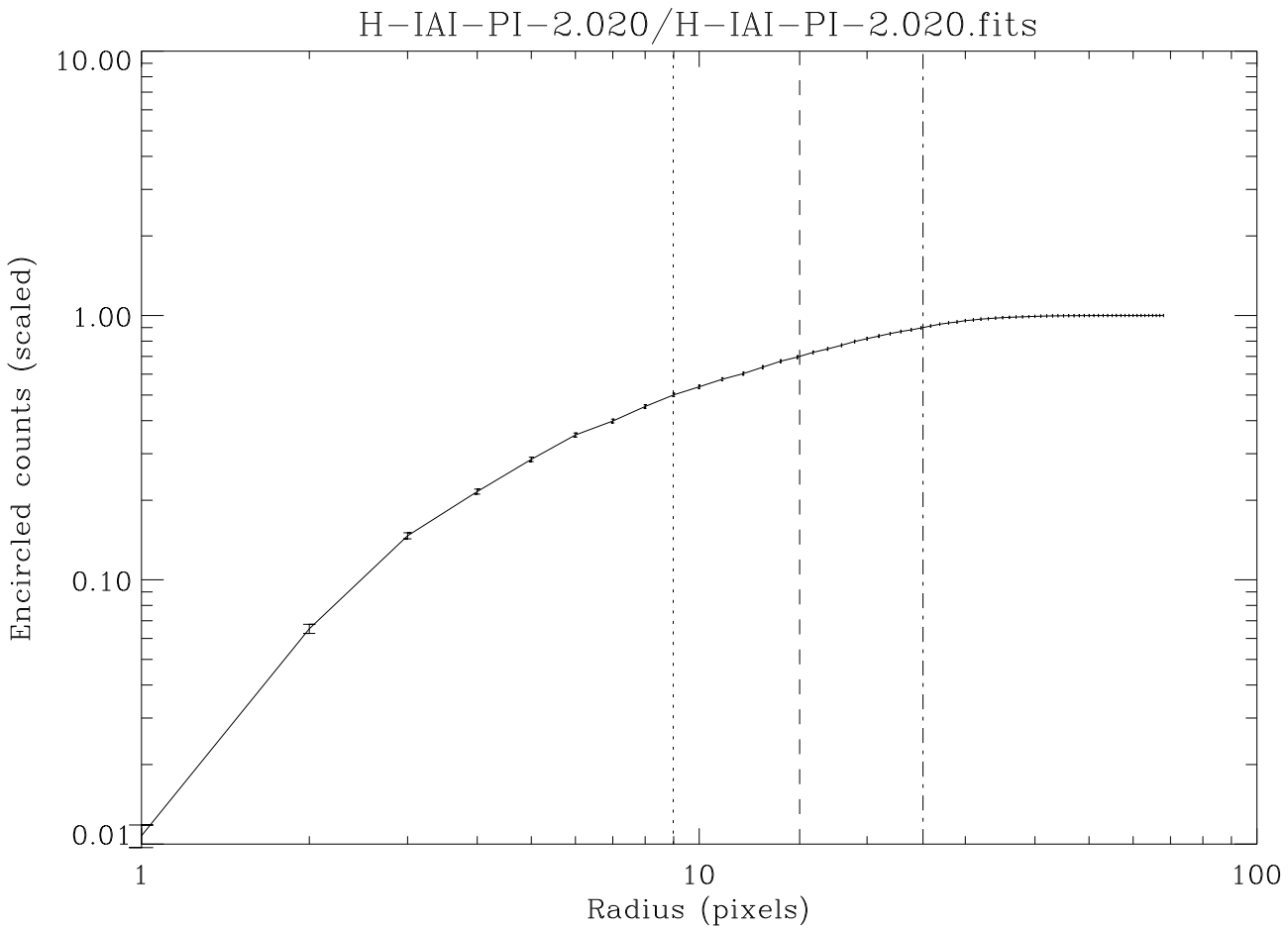

All measurements in pixels

Z gaussian FWHM = 12.824383

Y gaussian FWHM = 15.665338

Z fit parameters: Amplitude= 585 Offset= 32 Sigma= 5

Y fit parameters: Amplitude= 490 Offset= 48 Sigma= 6




Encircled energy radii in pixels

50% radius = 8.98498

70% radius = 15.1399

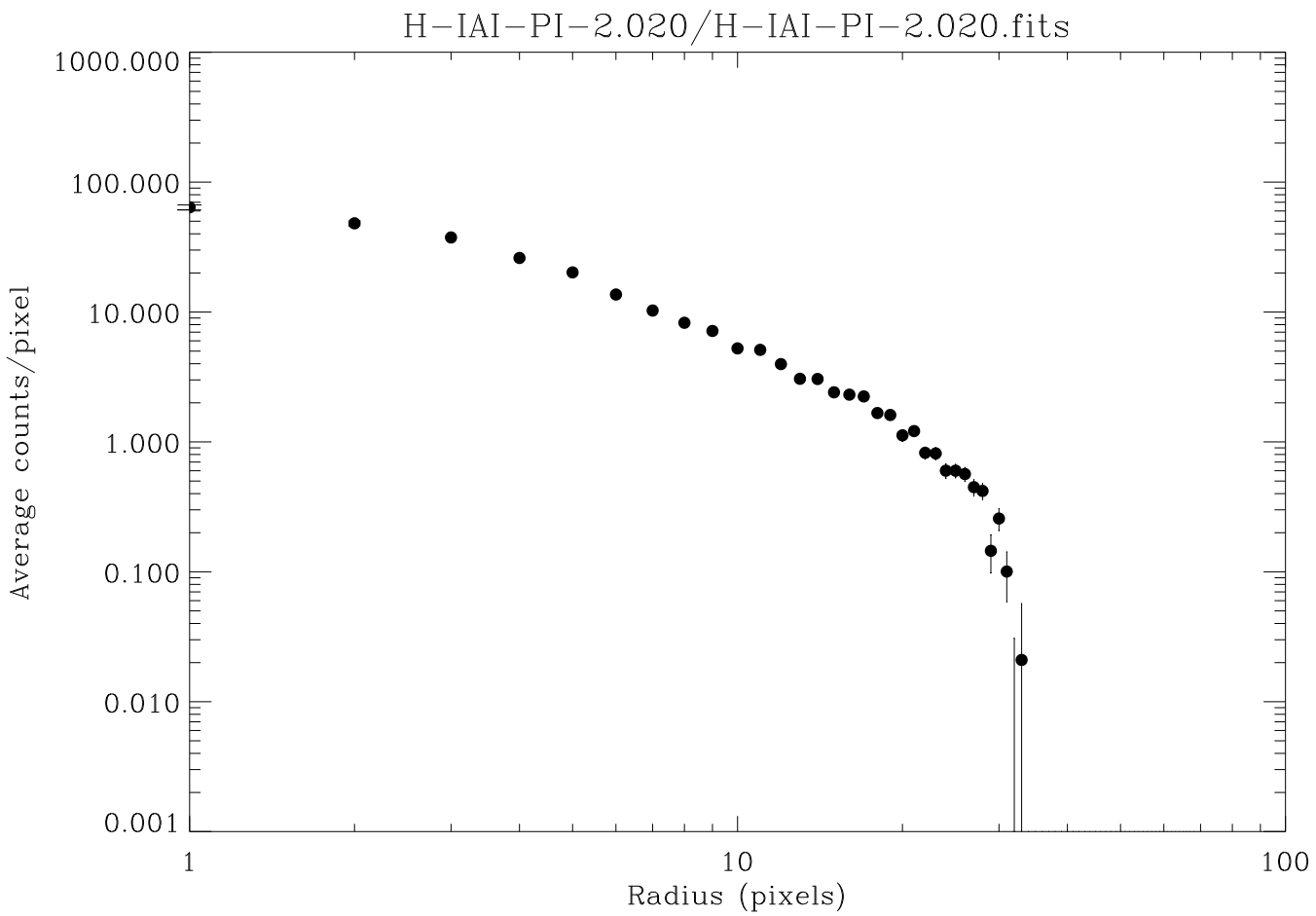
90% radius = 25.1918

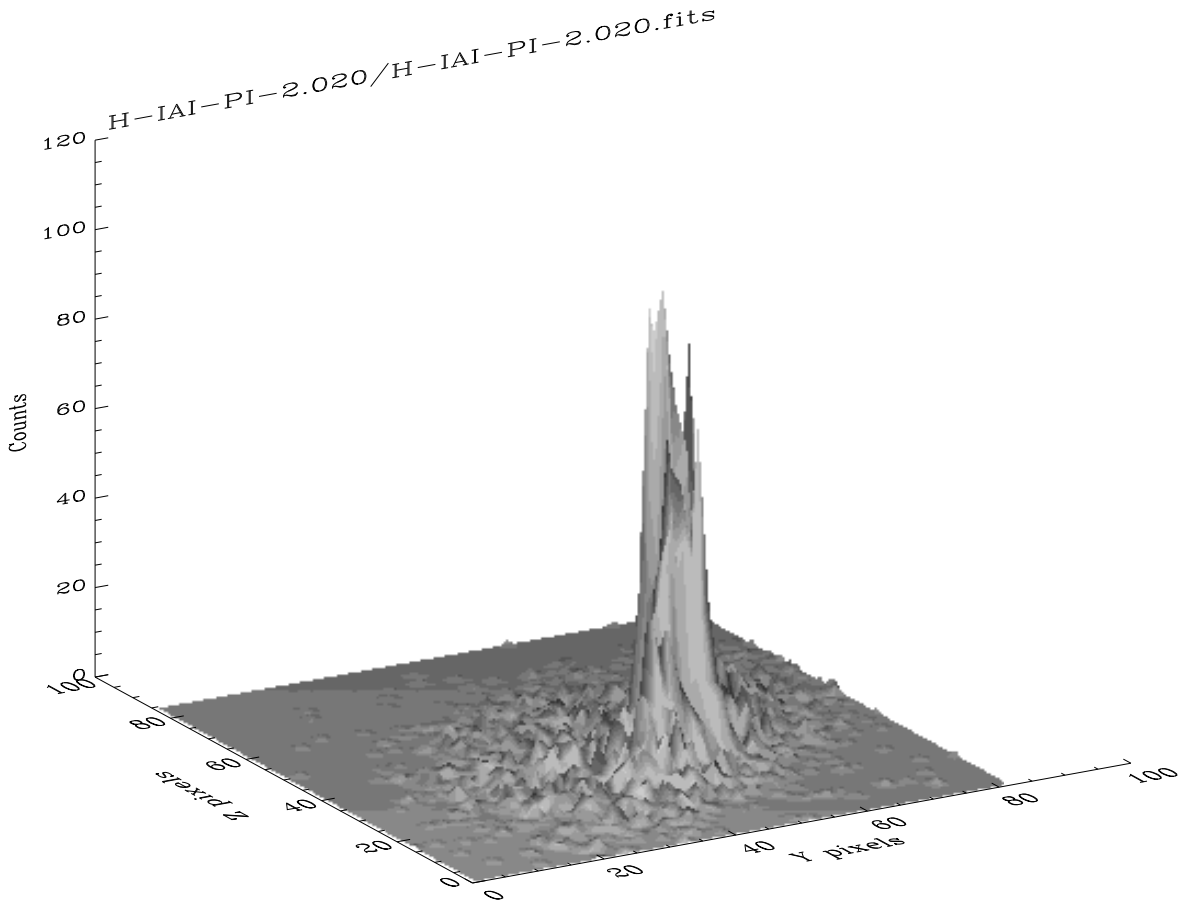
Encircled energy radii in microns

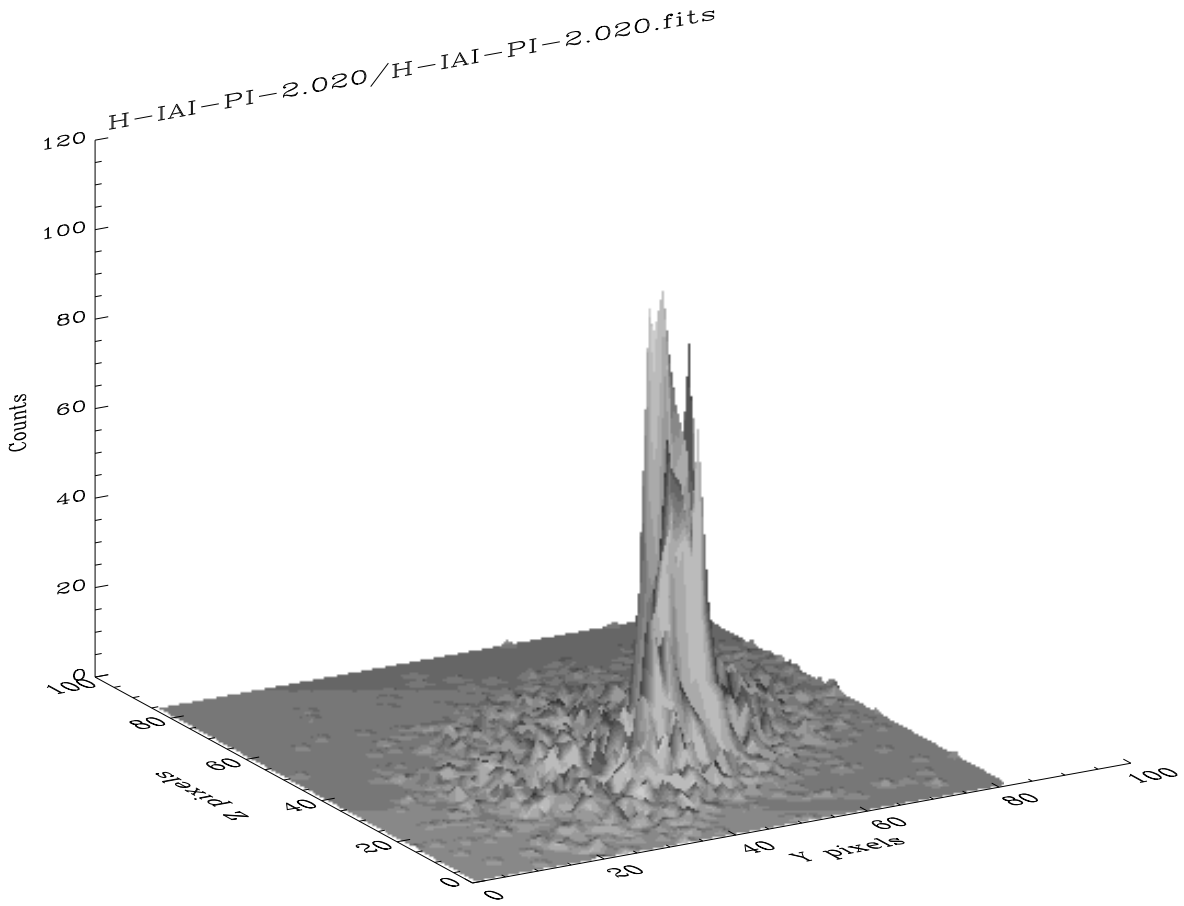
50% radius = 215.639

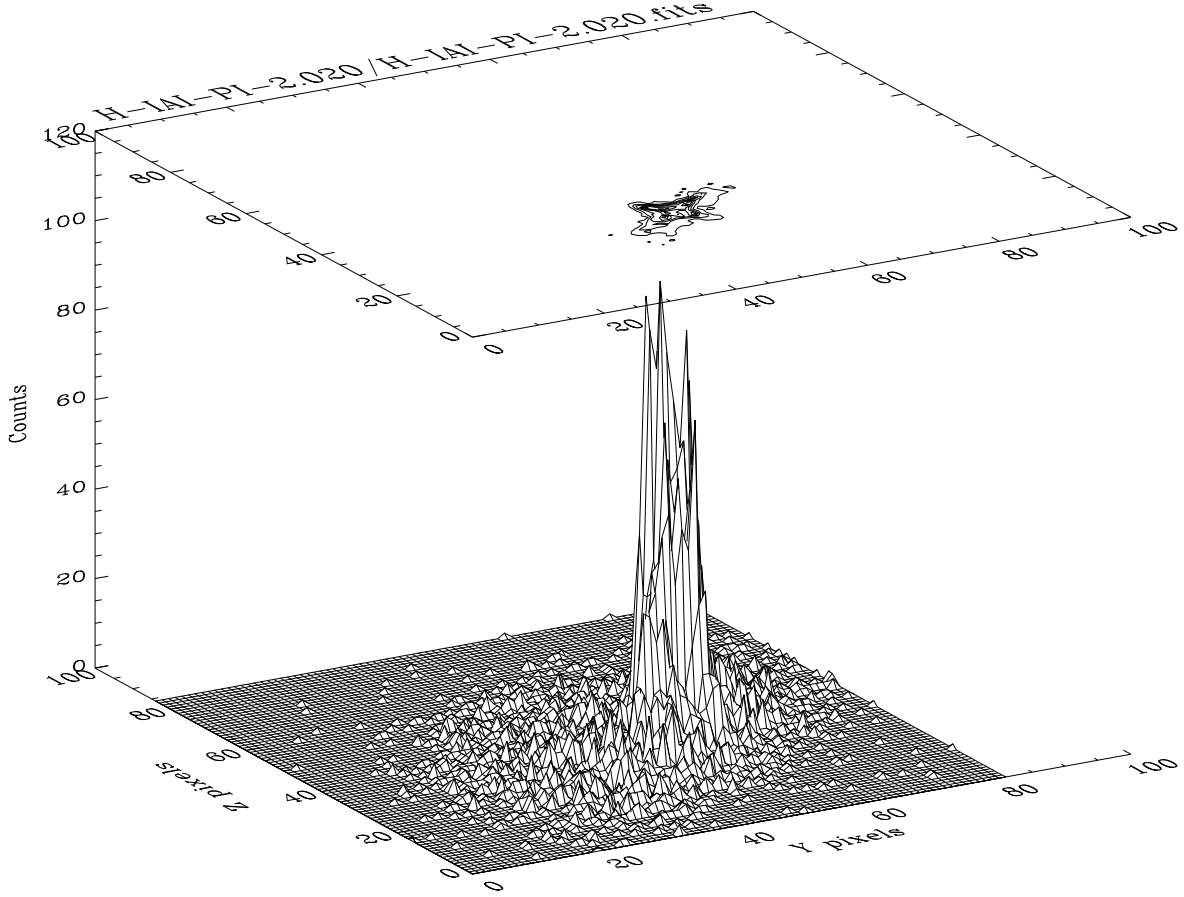
70% radius = 363.358

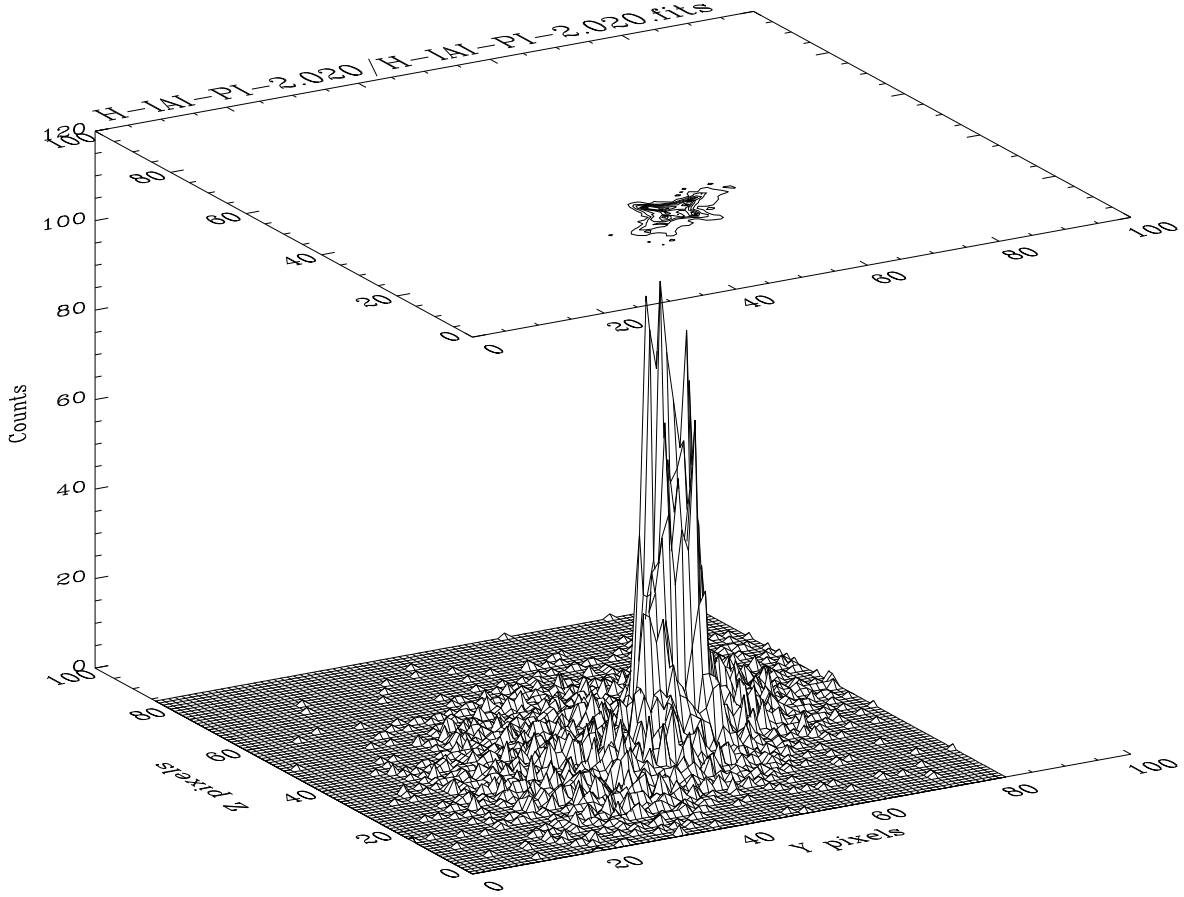
90% radius = 604.604

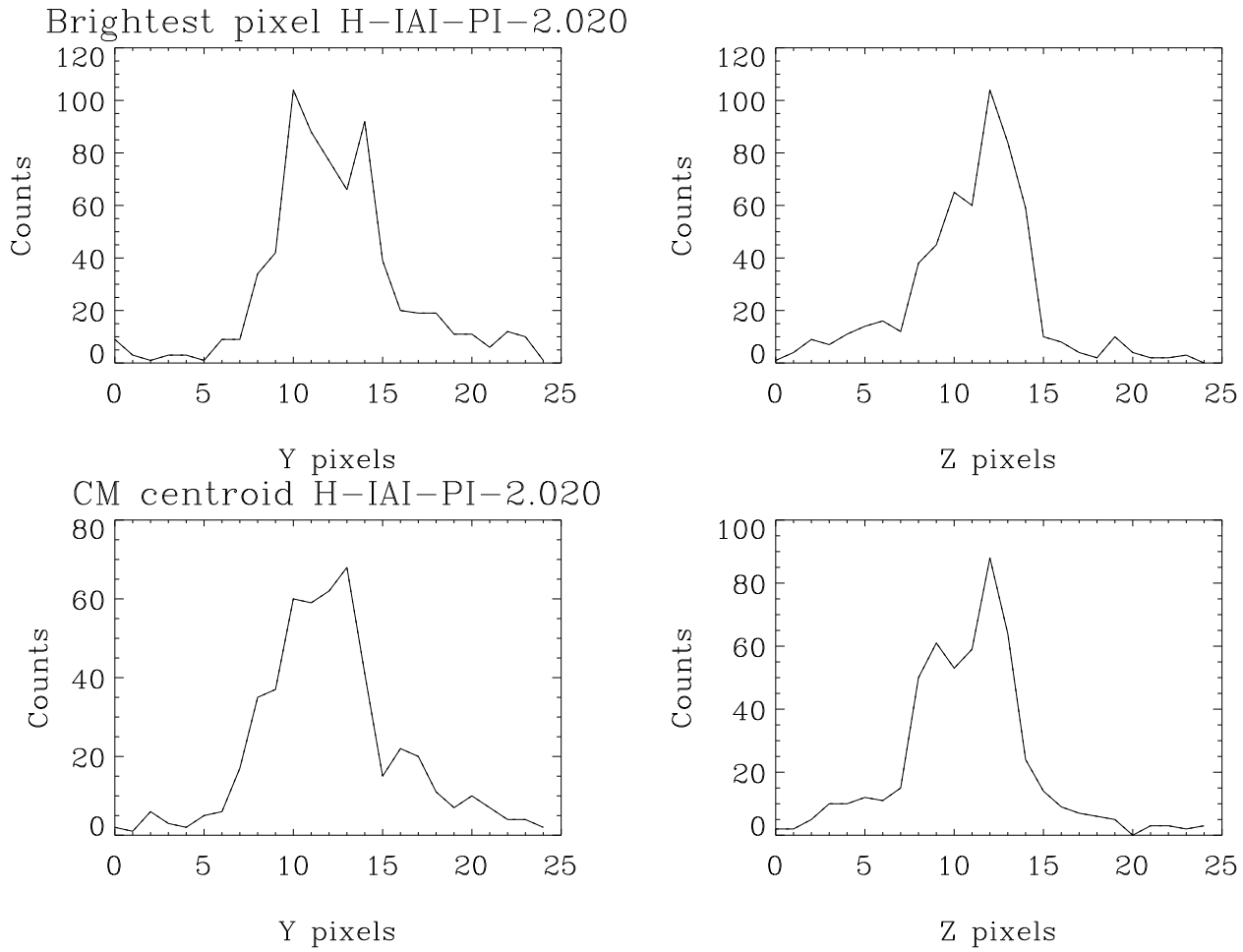

H−IAI−PI−2.020/H−IAI−PI−2.020.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-2.020/H-IAI-PI-2.020.fits
Counts
120
100
80
60
40
20
0
Z pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H-IAI-PI-2.020/H-IAI-PI-2.020.fits
Counts
120
100
80
60
40
20
0
Z pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H-1A1-P1-2.020/H-1A1-P1-2.020.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
120


H-1A1-P1-2.020/H-1A1-P1-2.020.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
120




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

Brightest pixel (Y,Z)

| | | |
|---|---|---|
| All grades | 10 | 12 |
| Std. grades | 10 | 12 |

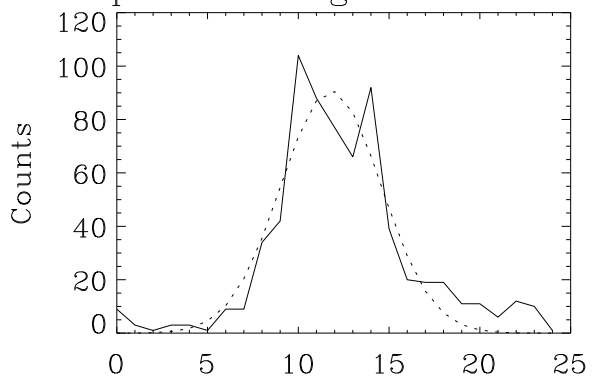
## CM Centroid (Y,Z)

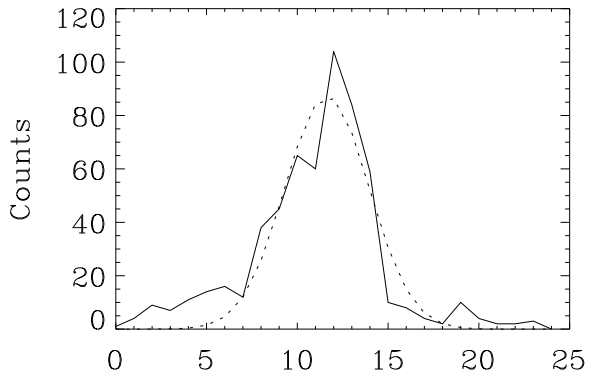
| | | |
|---|---|---|
| All grades | 11.4772 | 11.0345 |
| Std. grades | 11.4772 | 11.0345 |

Brightest pixel maxima

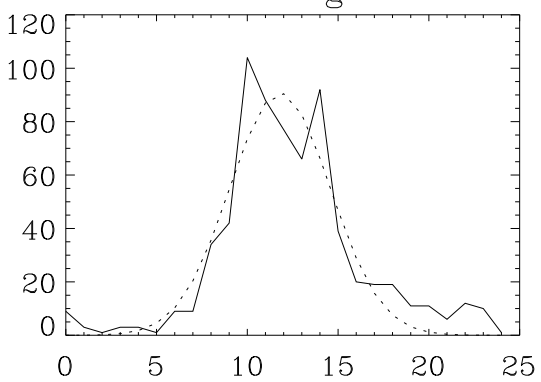
| | |
|---|---|
| All grades: | 104 |
| Std. grades: | 104 |

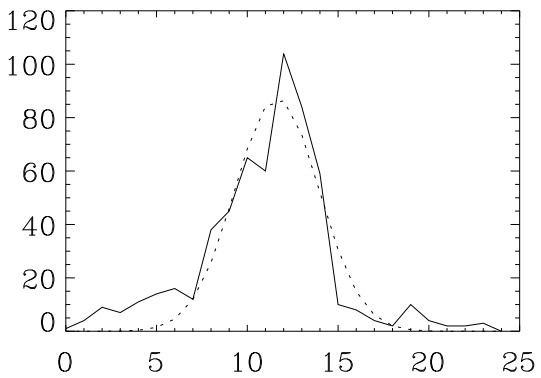
Brightest pixel – All grades H–IAI–PI–2.020




Standard grades





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

| | Integrated | Analytical |
|---|---|---|
| All Y | 631.63726 | 631.64583 |
| Std Y | 631.63726 | 631.64583 |
| All Z | 508.97827 | 508.95397 |
| Std Z | 508.97827 | 508.95397 |

| | amplitude | offset | sigma | FWHM |
|---|---|---|---|---|
| All Y: | 90.683603 | 11.801429 | 2.7787849 | 6.5412599 |
| Std Y: | 90.683603 | 11.801429 | 2.7787849 | 6.5412599 |
| All Z: | 87.432441 | 11.633526 | 2.3222874 | 5.4666648 |
| Std Z: | 87.432441 | 11.633526 | 2.3222874 | 5.4666648 |