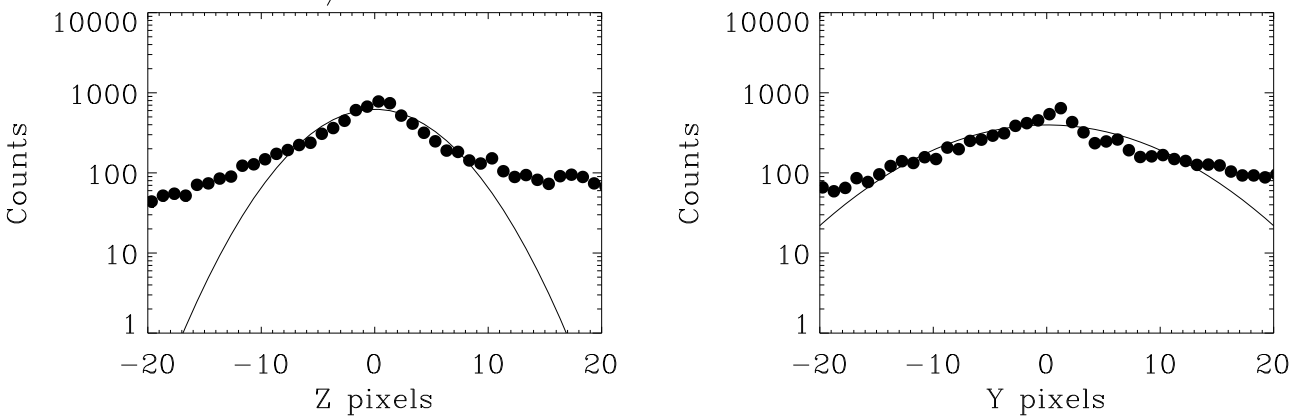
H-IAI-PI-2.014/H-IAI-PI-2.014.fits



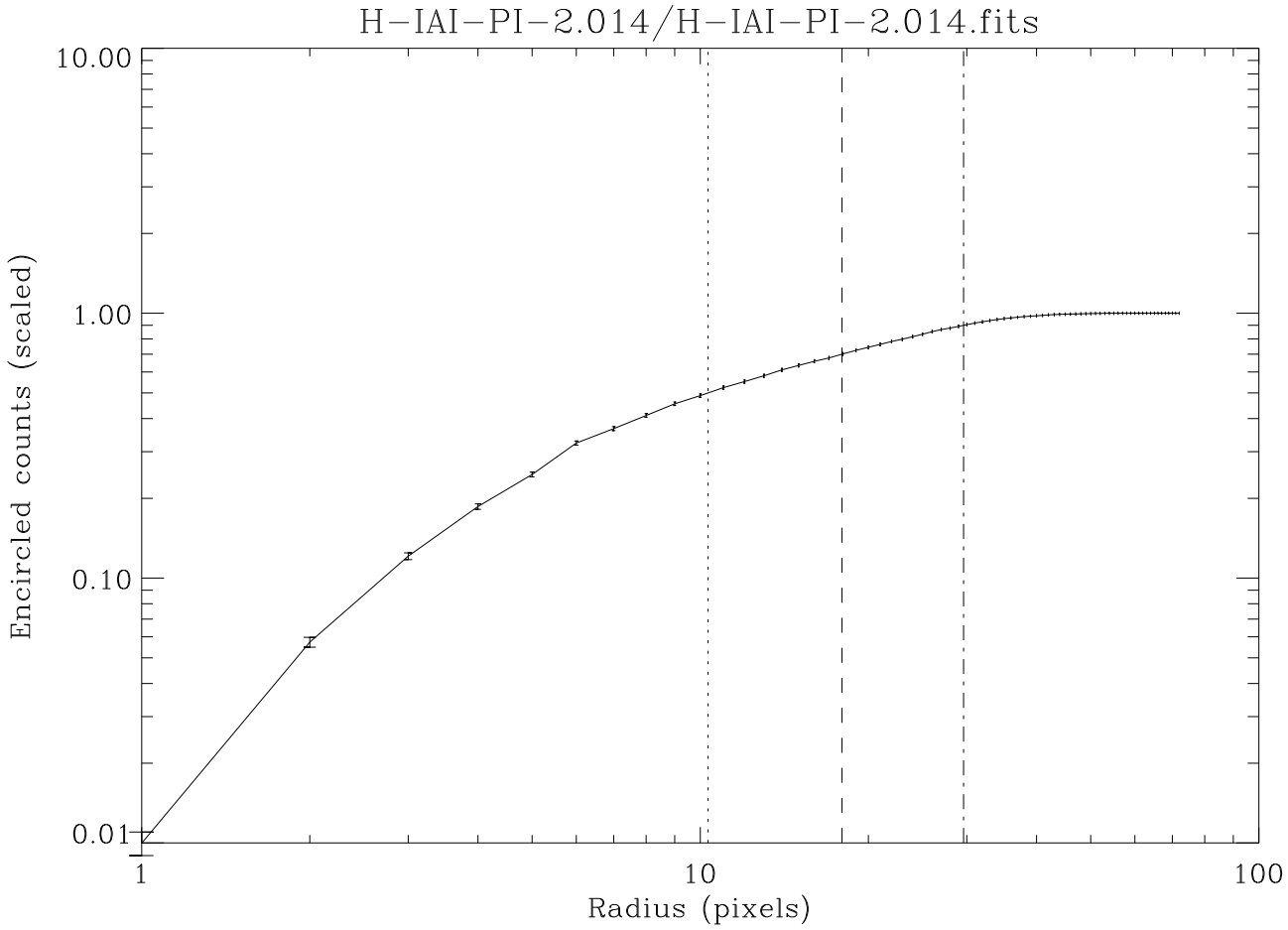

All measurements in pixels

Z gaussian FWHM = 11.090184

Y gaussian FWHM = 19.568282

Z fit parameters: Amplitude= 623 Offset= 32 Sigma= 4

Y fit parameters: Amplitude= 397 Offset= 26 Sigma= 8




Encircled energy radii in pixels

50% radius = 10.3294

70% radius = 17.9348

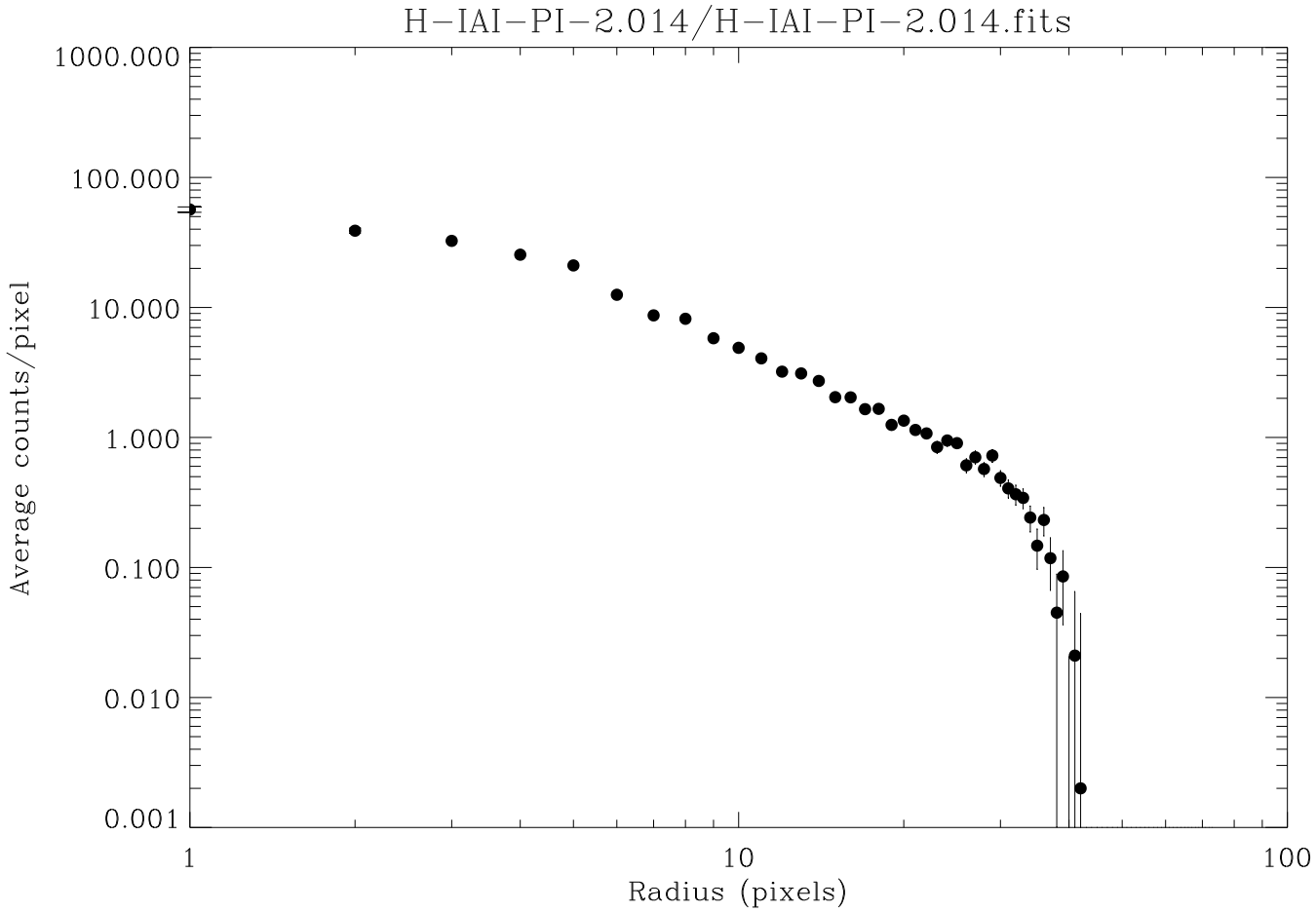
90% radius = 29.6074

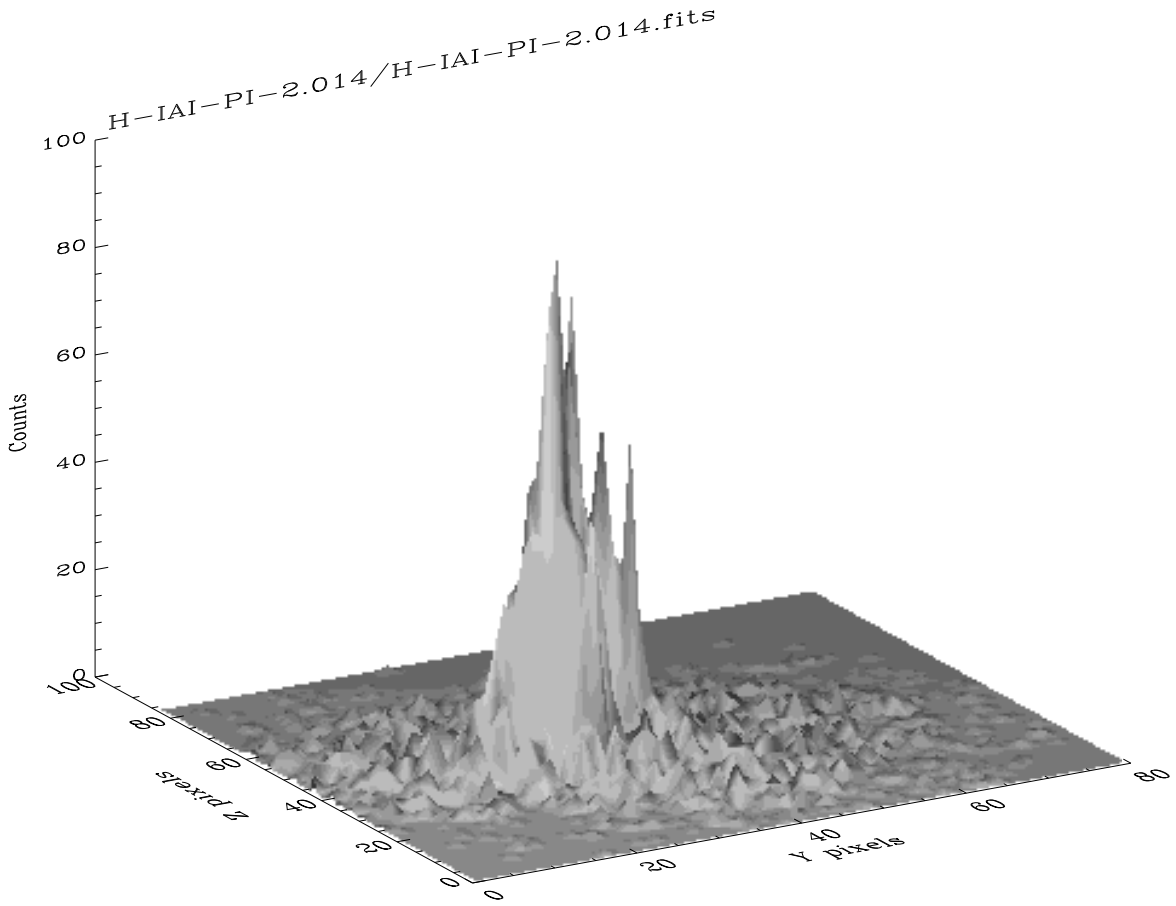
Encircled energy radii in microns

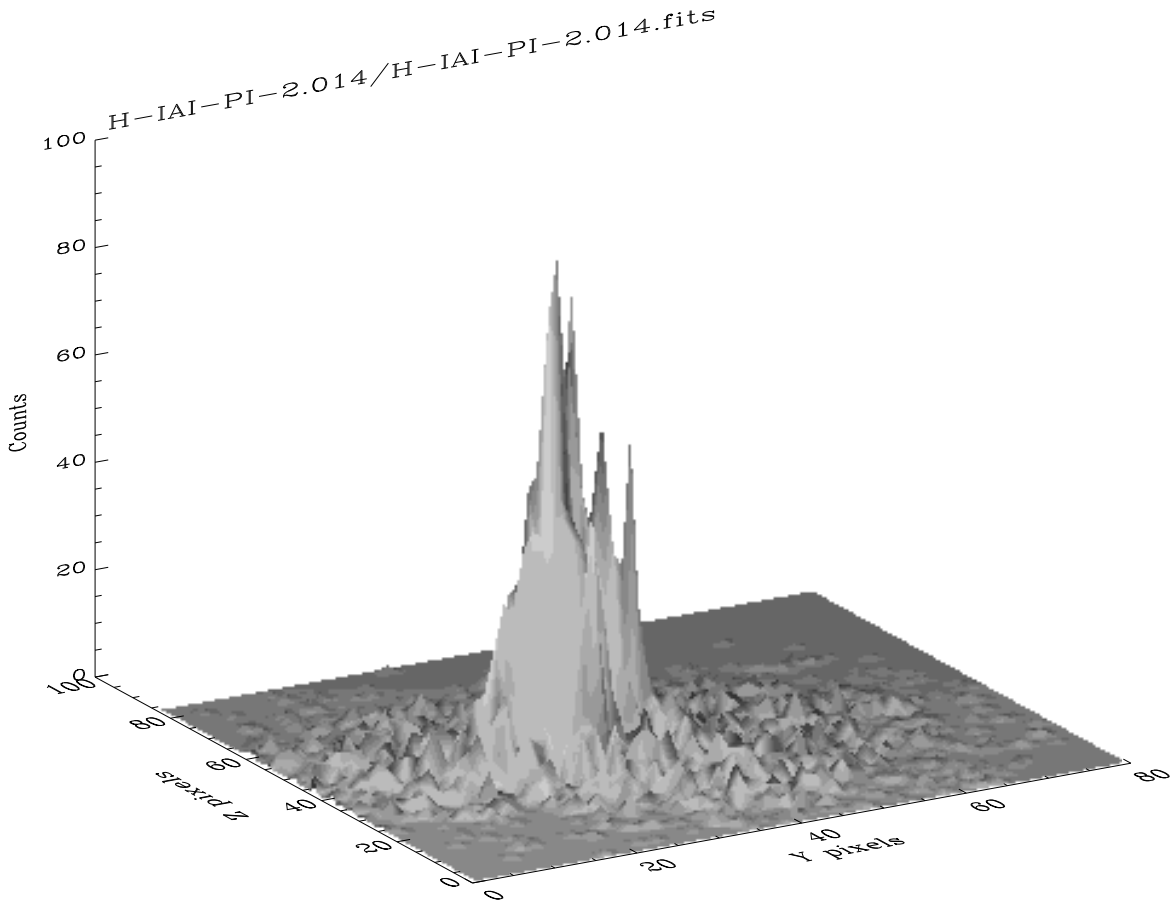
50% radius = 247.905

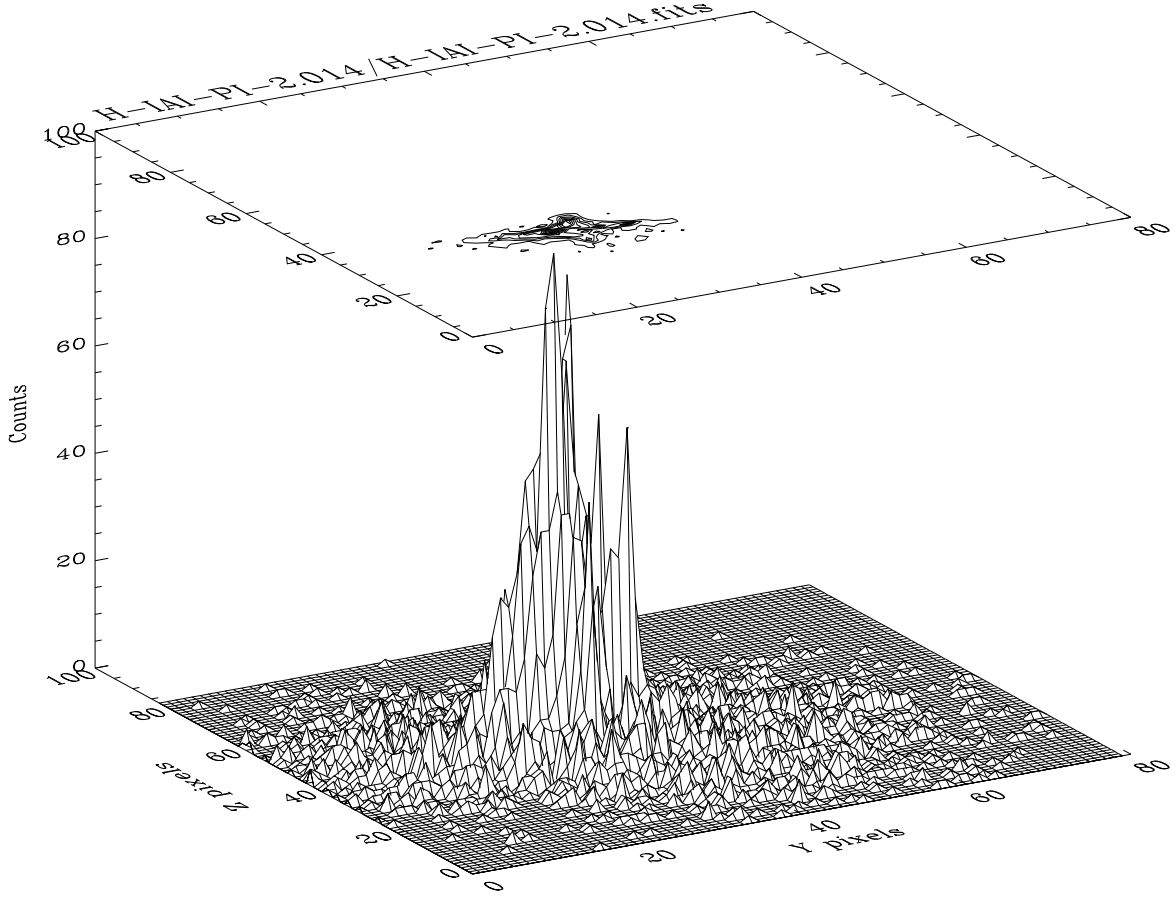
70% radius = 430.435

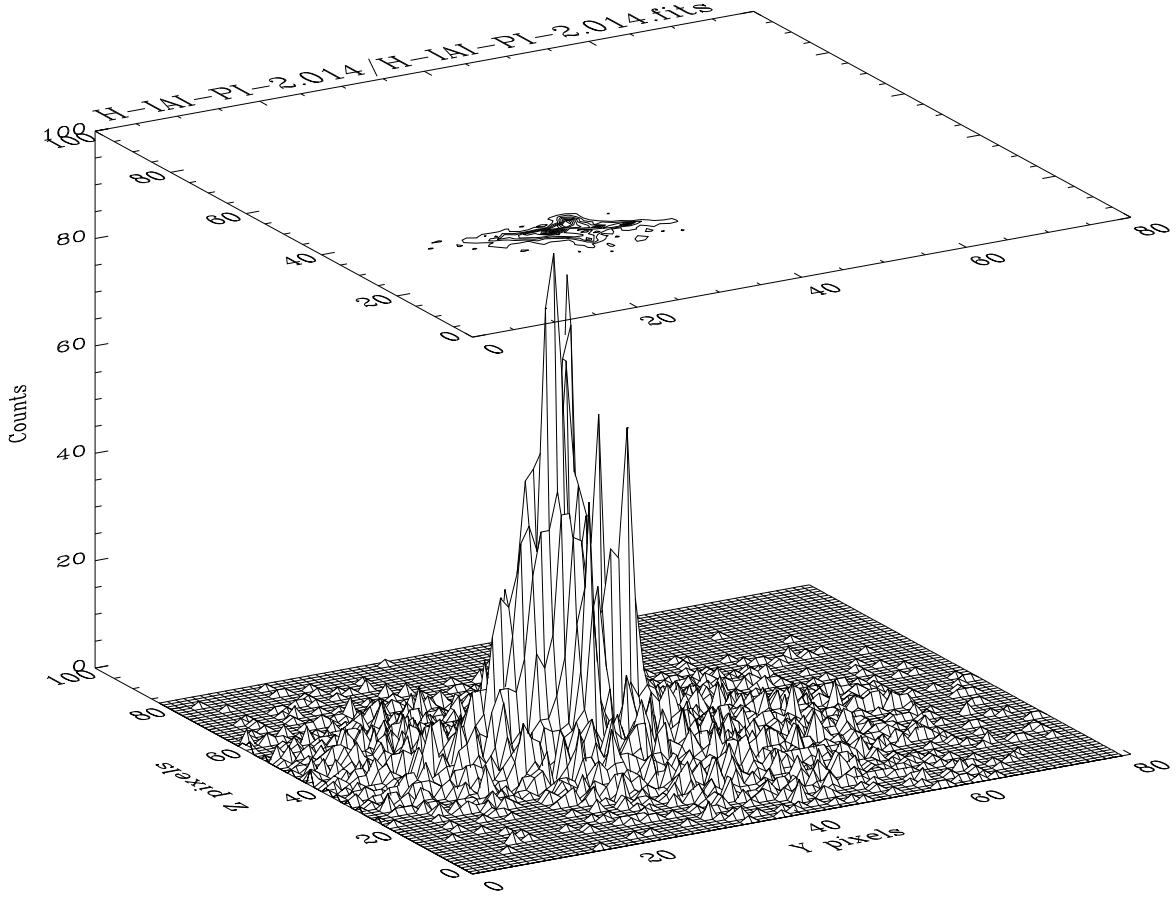
90% radius = 710.578

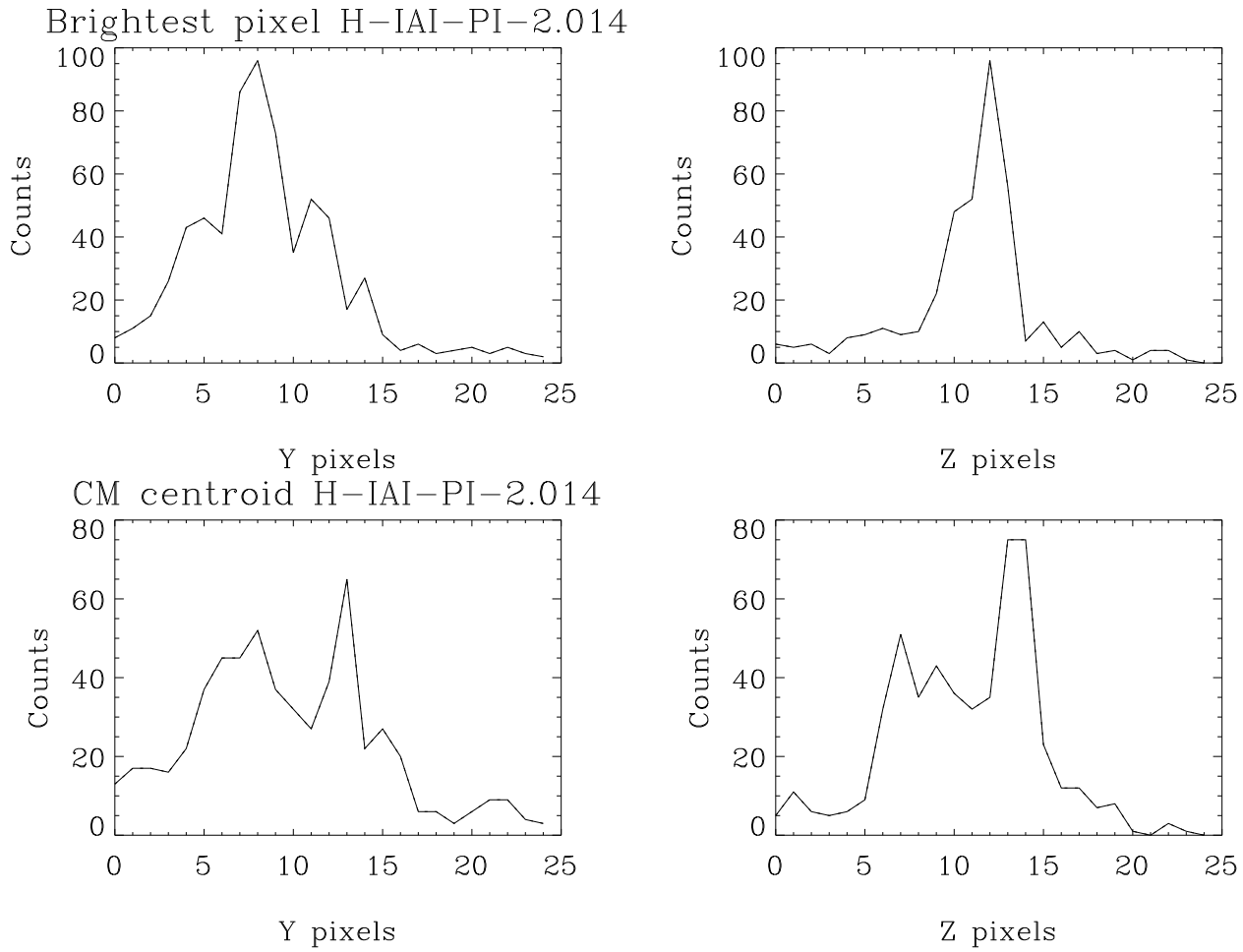

H−IAI−PI−2.014/H−IAI−PI−2.014.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-2.014/H-IAI-PI-2.014.fits
Counts
100
80
60
40
20
0
Z pixels
100
80
60
40
20
0
0
20
40
60
80
Y pixels


H-IAI-PI-2.014/H-IAI-PI-2.014.fits
Counts
100
80
60
40
20
0
Z pixels
100
80
60
40
20
0
0
20
40
60
80
Y pixels


H-1AI-P1-2.014/H-1AI-P1-2.014.fits
Counts
Z pixels
Y pixels
0
20
40
60
80
100


H-1AI-P1-2.014/H-1AI-P1-2.014.fits
Counts
Z pixels
Y pixels
0
20
40
60
80
100




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

Brightest pixel (Y,Z)

| | | |
|---|---|---|
| All grades | 8 | 12 |
| Std. grades | 8 | 12 |

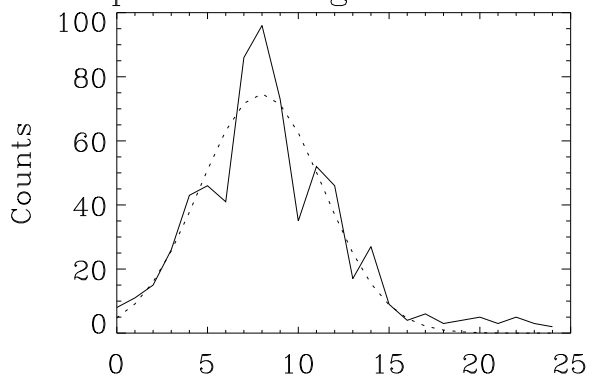
## CM Centroid (Y,Z)

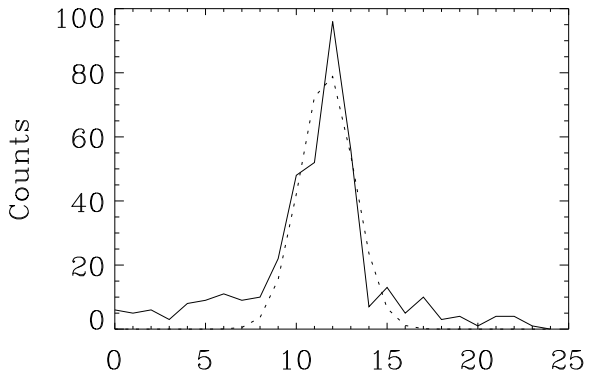
| | | |
|---|---|---|
| All grades | 10.3730 | 11.3015 |
| Std. grades | 10.3730 | 11.3015 |

Brightest pixel maxima

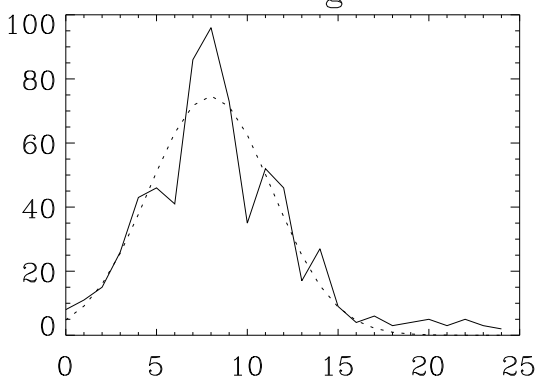
| | |
|---|---|
| All grades: | 96 |
| Std. grades: | 96 |

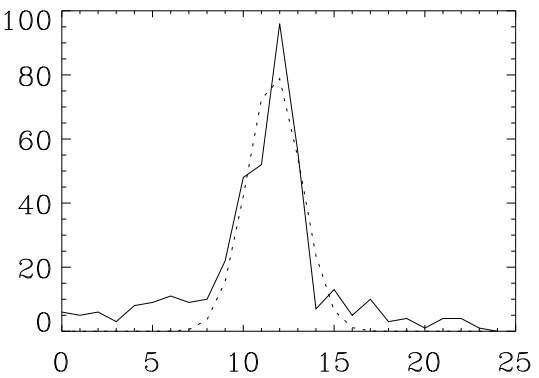
Brightest pixel – All grades H–IAI–PI–2.014




Standard grades





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

| | Integrated | Analytical |
|---|---|---|
| All Y | 630.31841 | 636.36211 |
| Std Y | 630.31841 | 636.36211 |
| All Z | 299.48116 | 298.69494 |
| Std Z | 299.48116 | 298.69494 |

| | amplitude | offset | sigma | FWHM |
|---|---|---|---|---|
| All Y: | 74.696193 | 7.9722374 | 3.3987241 | 8.0005969 |
| Std Y: | 74.696193 | 7.9722374 | 3.3987241 | 8.0005969 |
| All Z: | 80.634295 | 11.684166 | 1.4778084 | 3.4787612 |
| Std Z: | 80.634295 | 11.684166 | 1.4778084 | 3.4787612 |