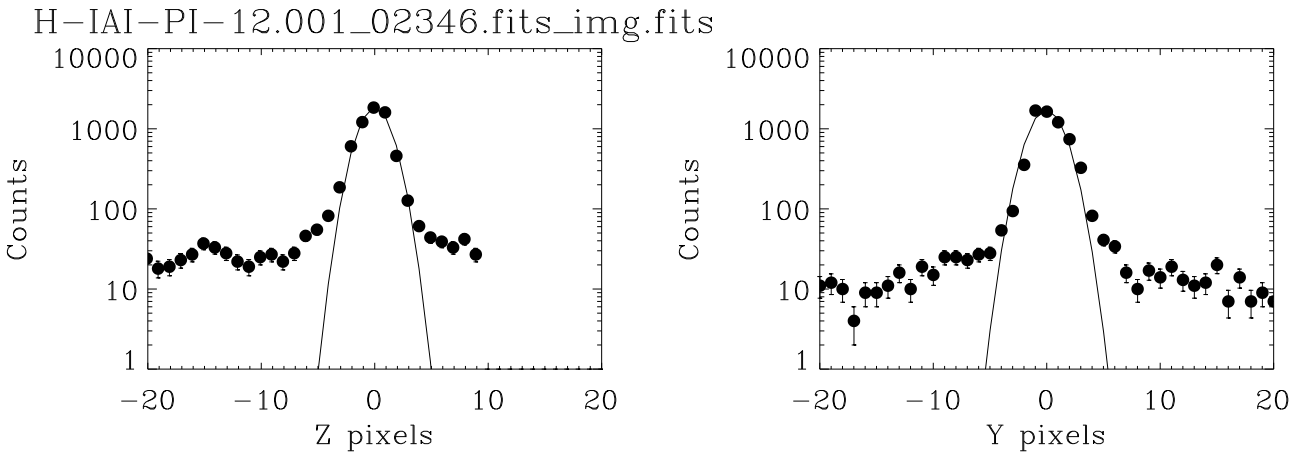


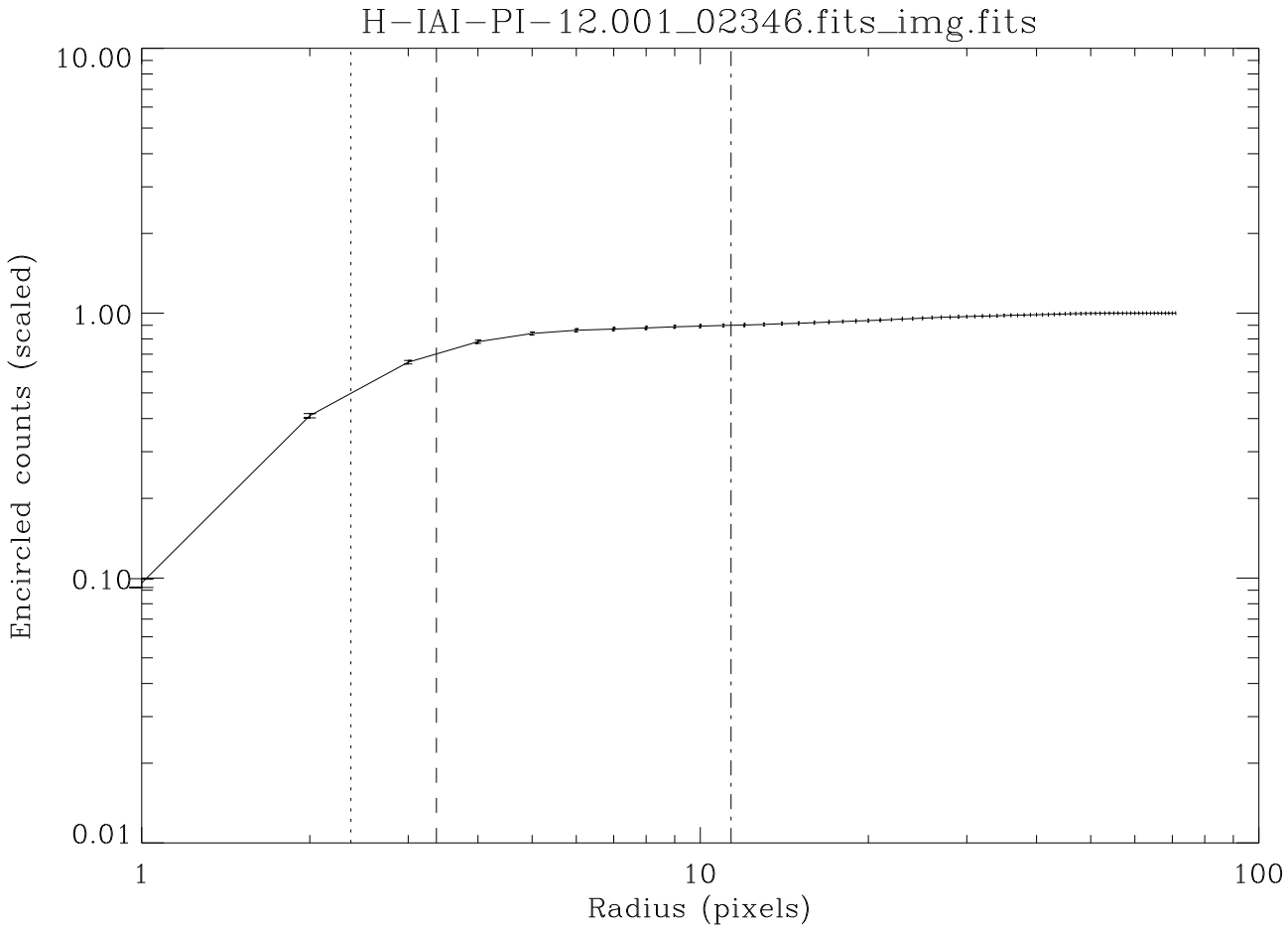
All measurements in pixels

Z gaussian FWHM = 3.0192148

Y gaussian FWHM = 3.2989894

Z fit parameters: Amplitude= 1873 Offset= 27 Sigma= 1

Y fit parameters: Amplitude= 1740 Offset= 48 Sigma= 1



Encircled energy radii in pixels

50% radius = 2.36929

70% radius = 3.36965

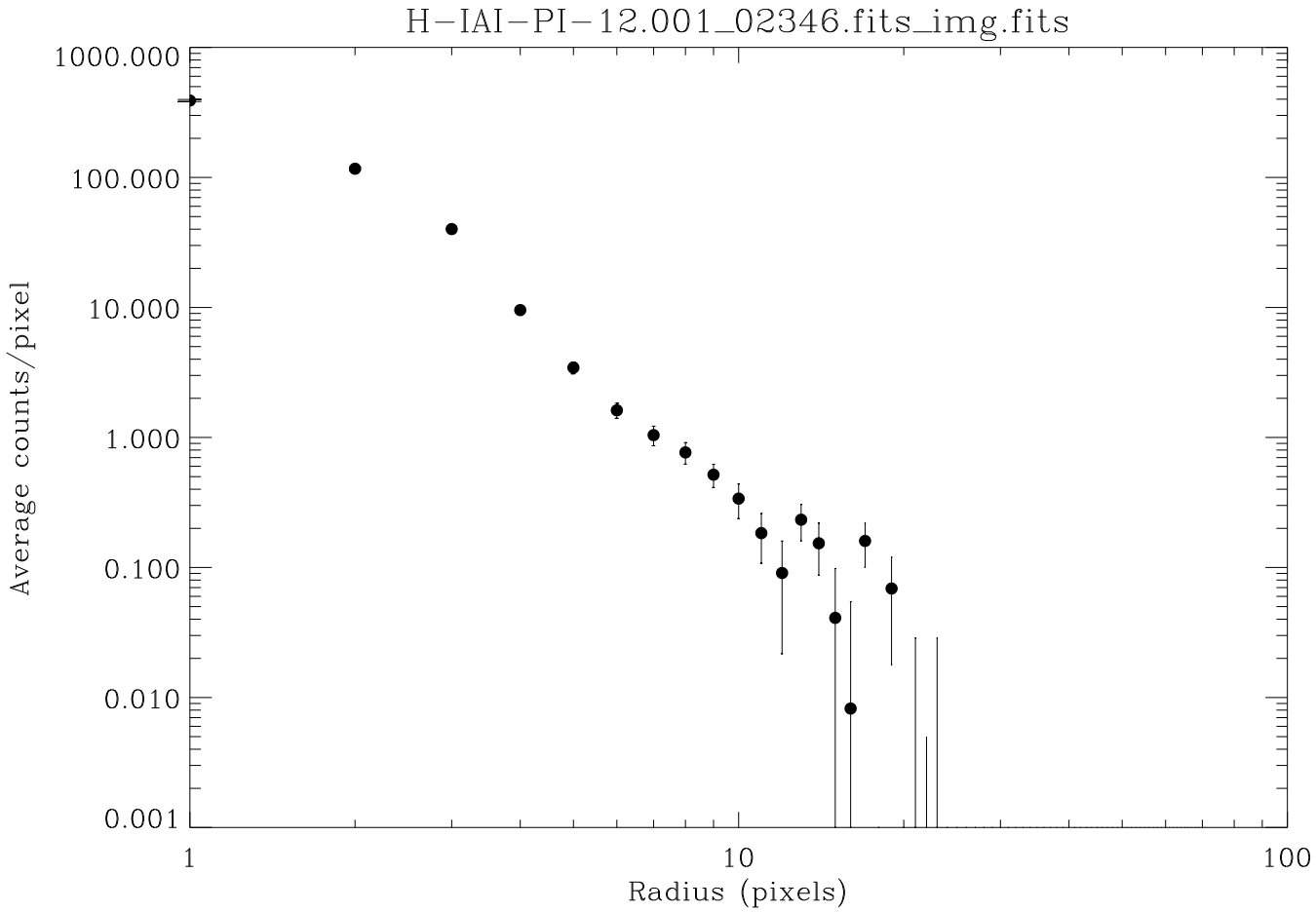
90% radius = 11.3520

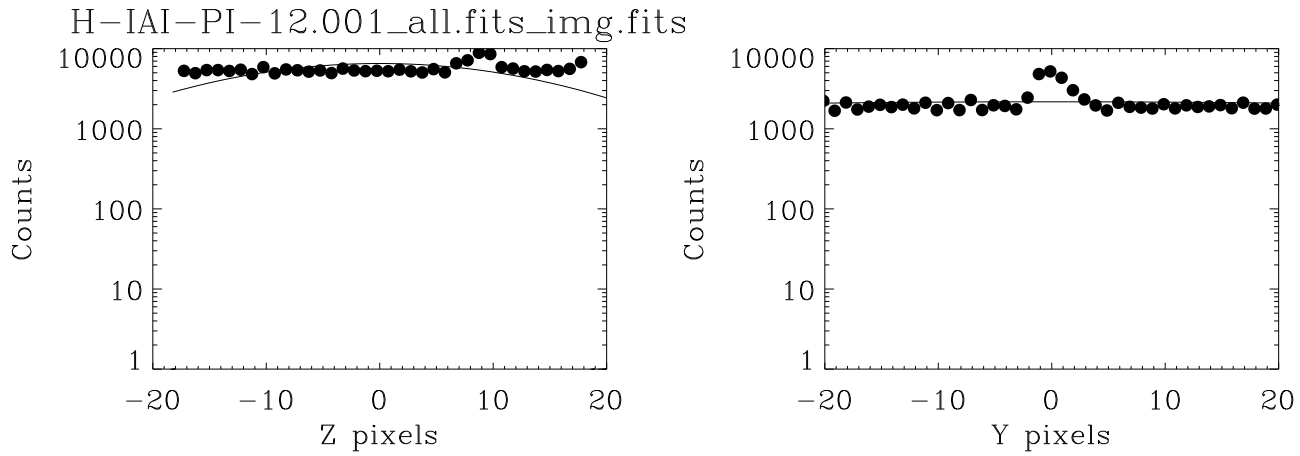
Encircled energy radii in microns

50% radius = 56.8631

70% radius = 80.8716

90% radius = 272.448


H−IAI−PI−12.001_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)



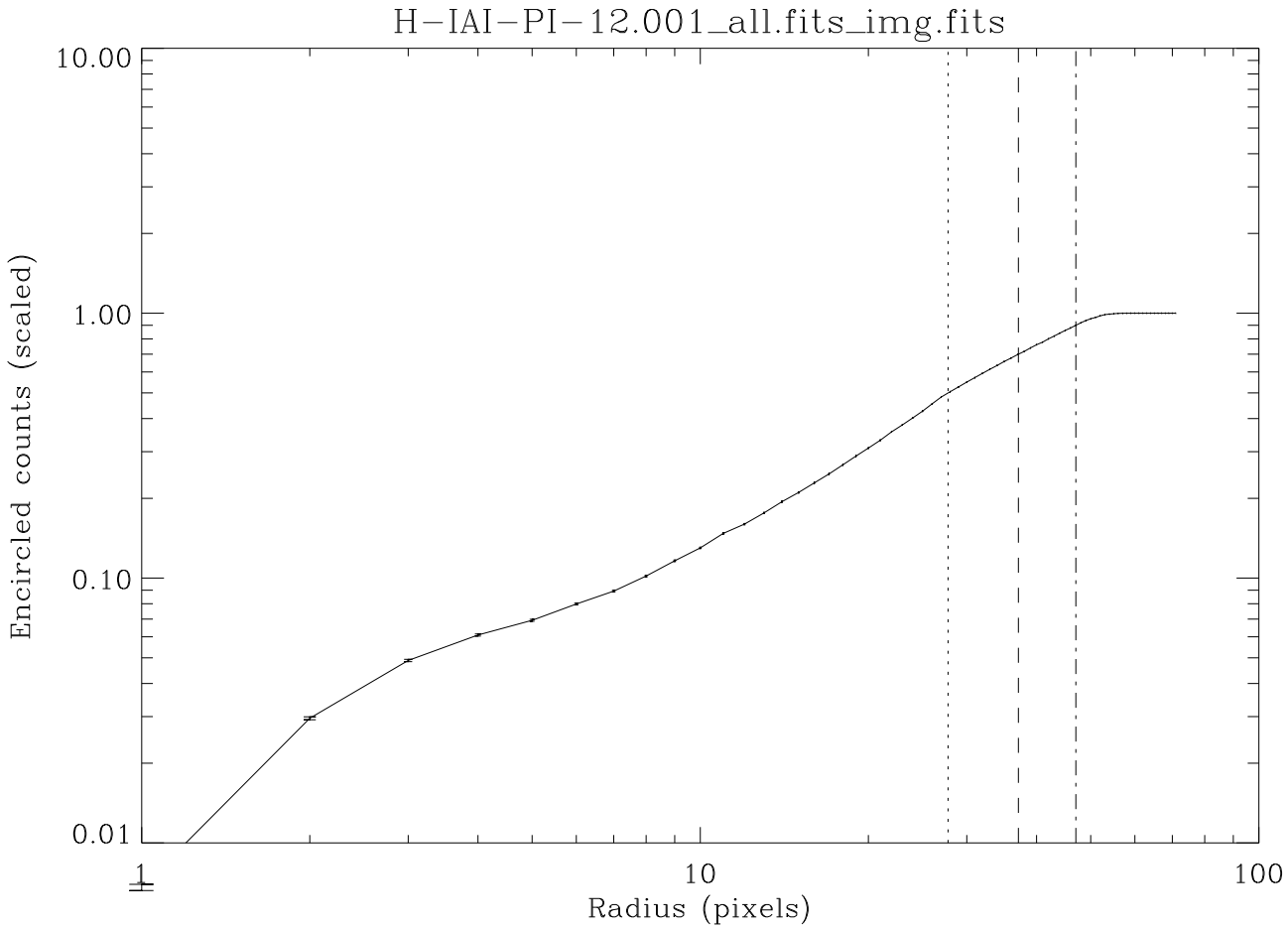
All measurements in pixels

Z gaussian FWHM = 33.484756

Y gaussian FWHM = 171.21243

Z fit parameters: Amplitude= 6534 Offset= 18 Sigma= 14

Y fit parameters: Amplitude= 2172 Offset= 49 Sigma= 72



Encircled energy radii in pixels

50% radius = 27.7739

70% radius = 37.1109

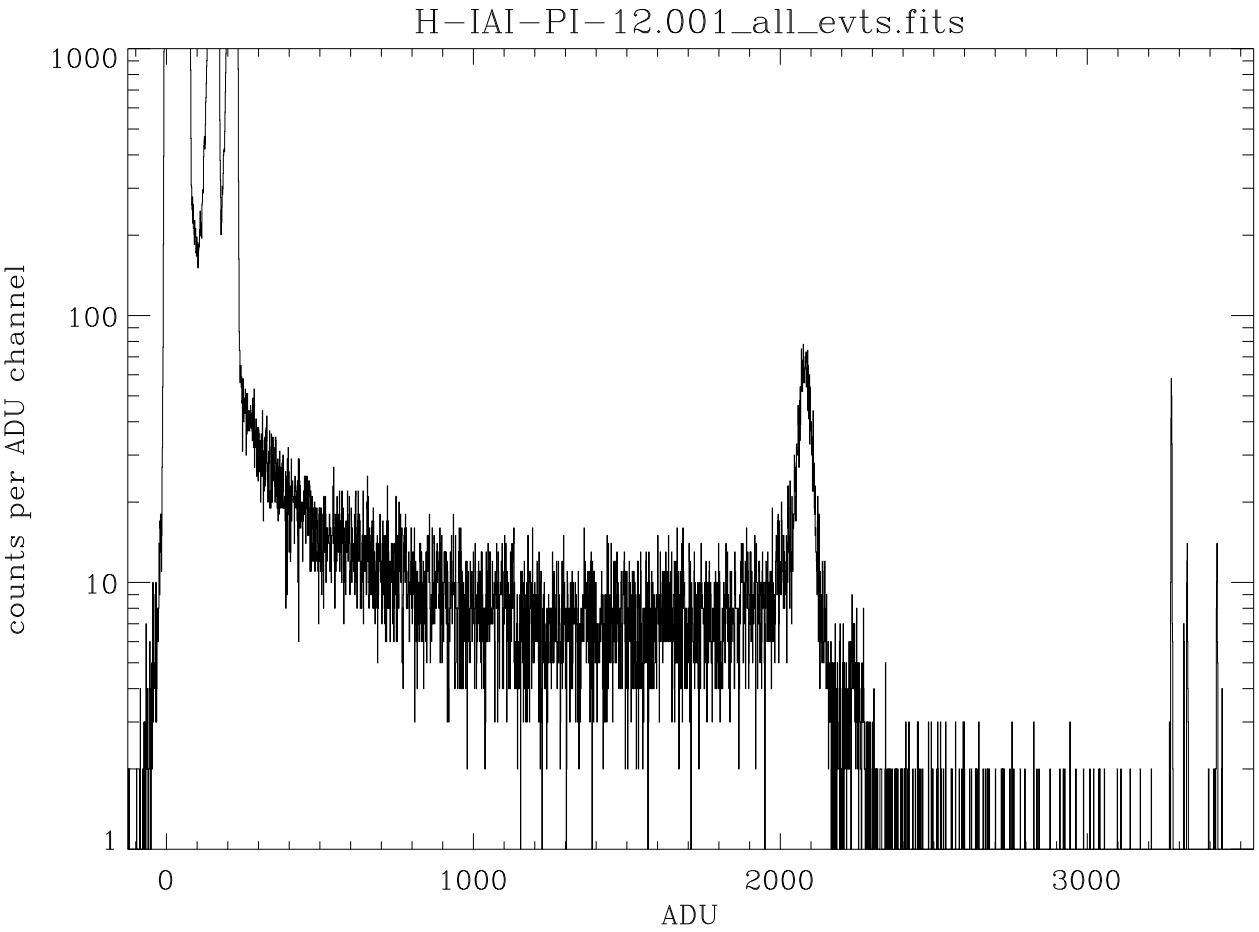
90% radius = 47.0303

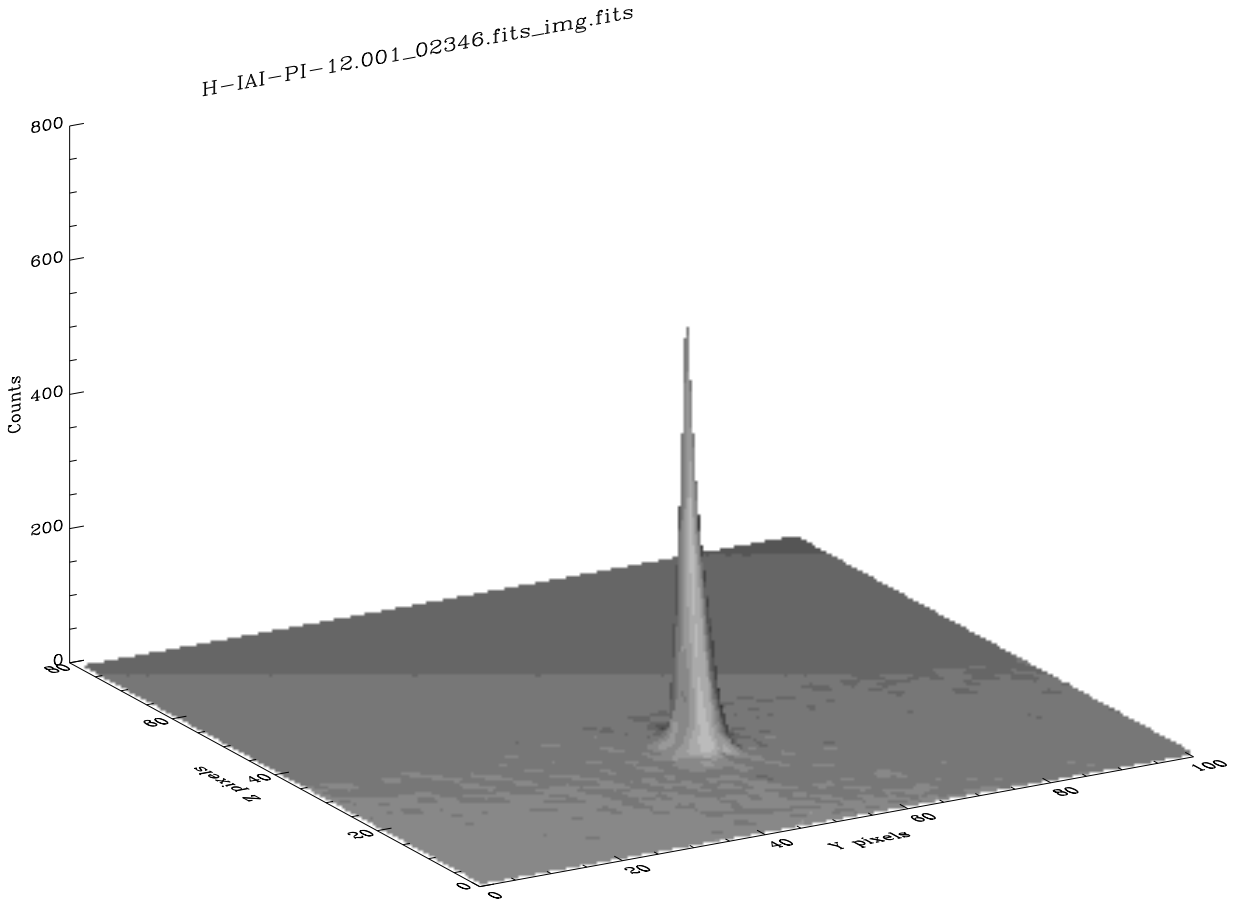
Encircled energy radii in microns

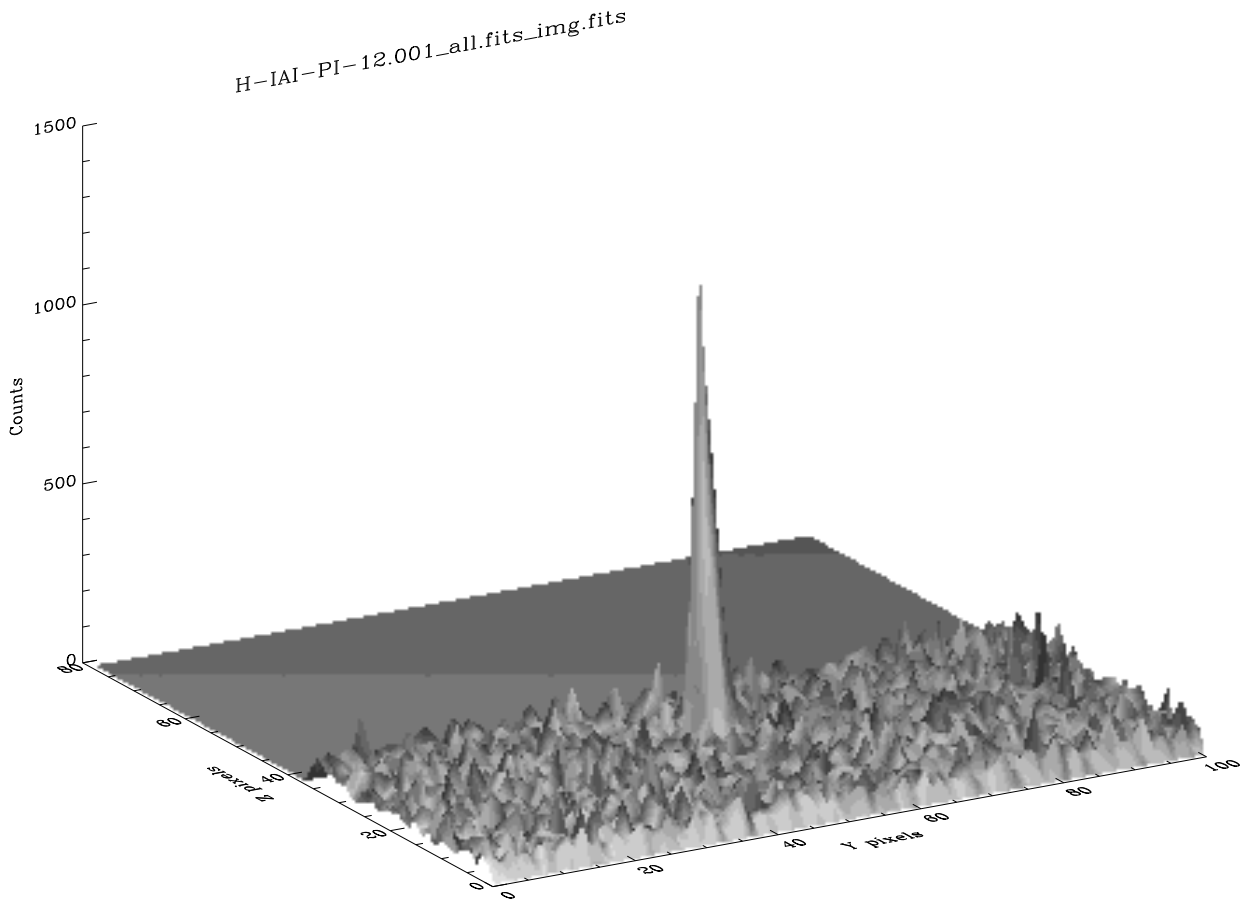
50% radius = 666.574

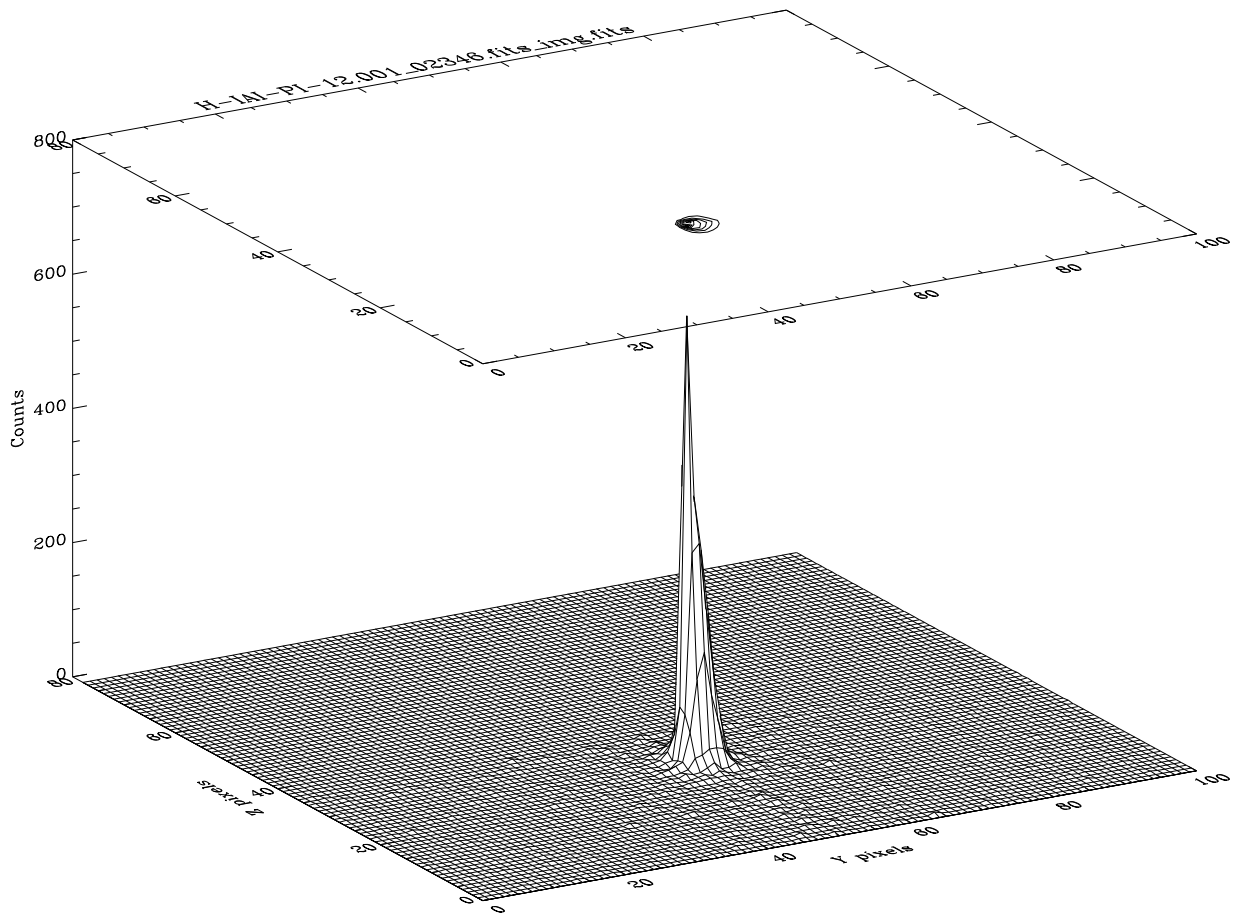
70% radius = 890.660

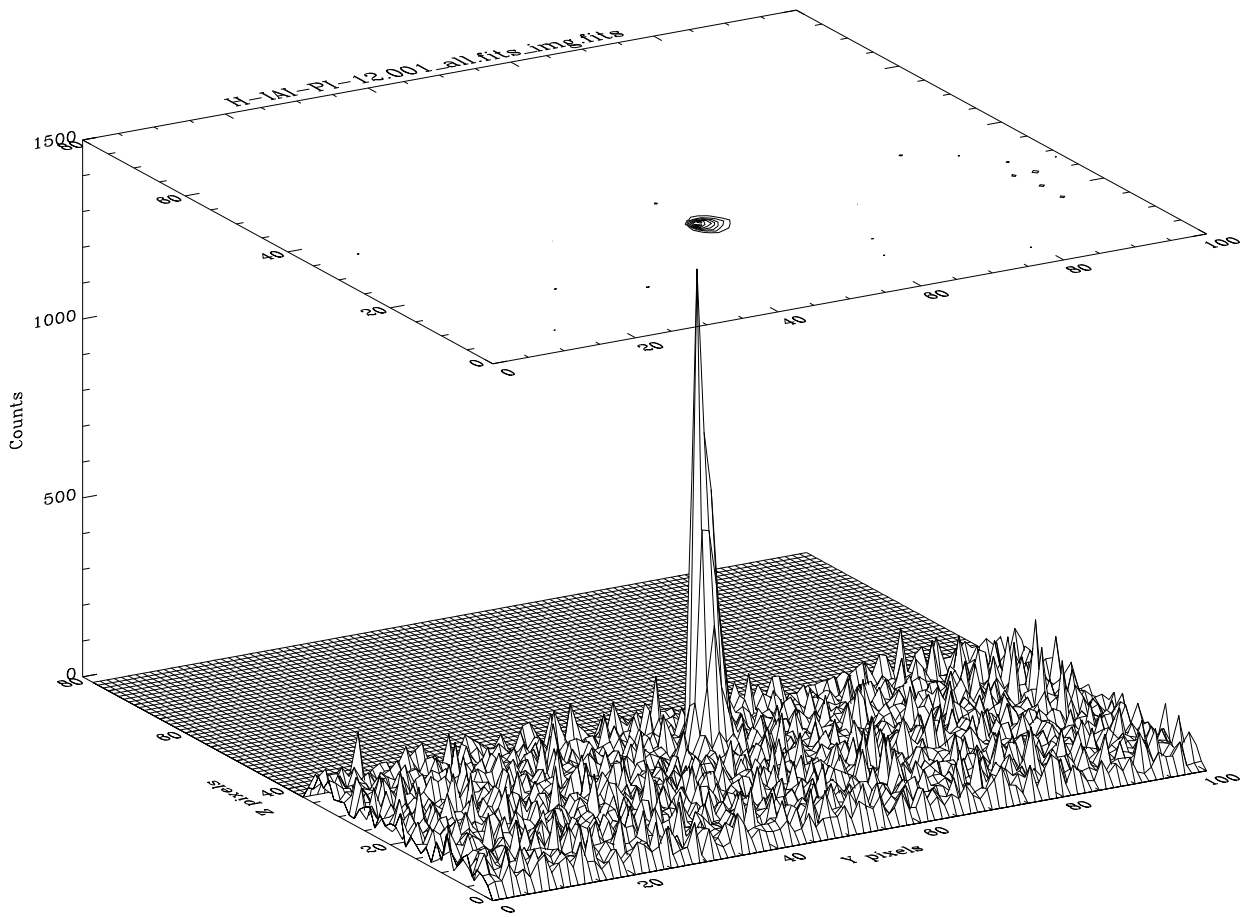
90% radius = 1128.73

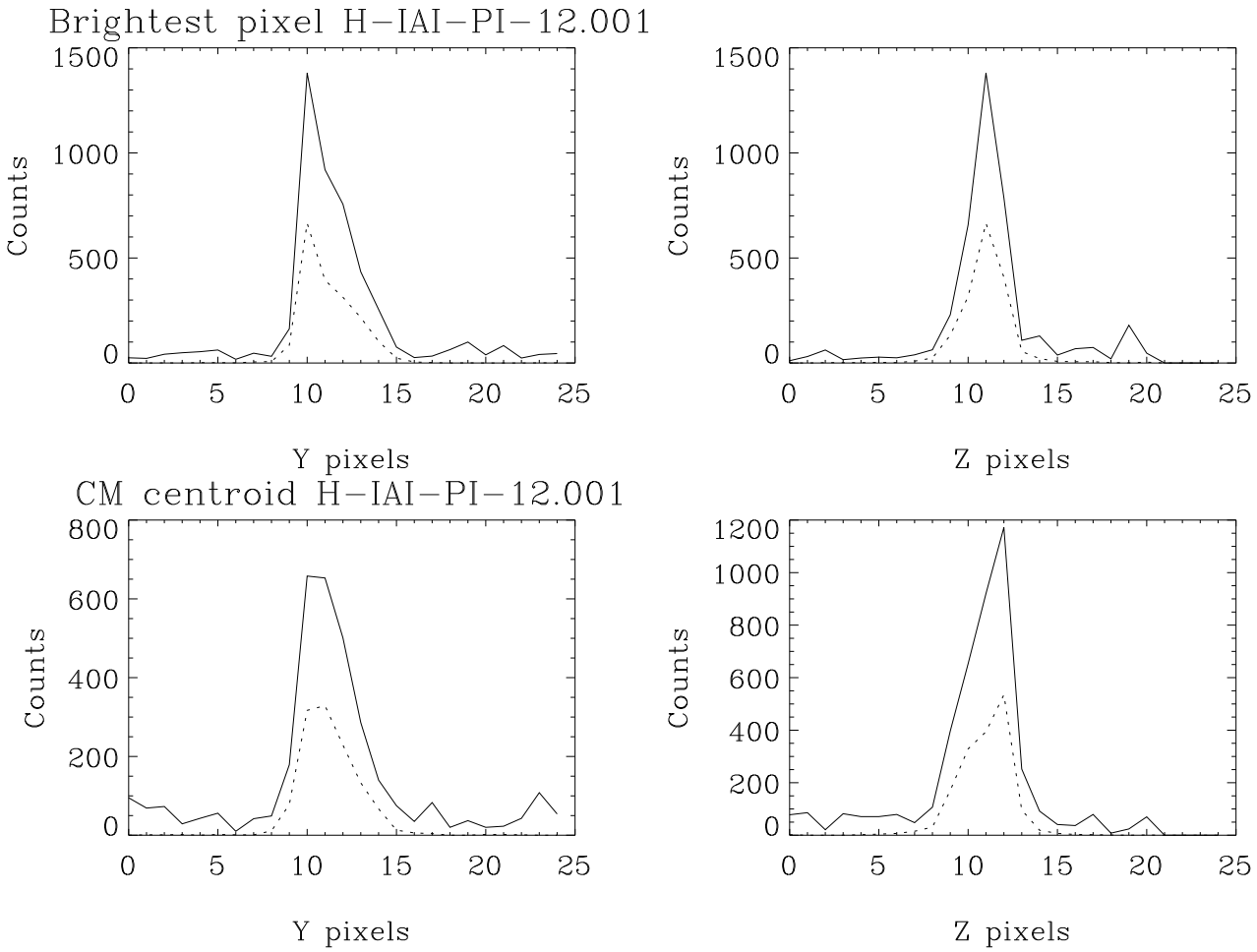

H-IAI-PI-12.001_all_evts.fits
1000
100
10
1
counts per ADU channel
0
1000
2000
3000
ADU


H-IAI-PI-12.001_02346.fits_img.fits
Counts
800
600
400
200
0
x pixels
0
20
40
60
80
100
y pixels


H-IAI-PI-12.001_all.fits_img.fits
1500
1000
500
0
Counts
x pixels
0
20
40
60
80
100
y pixels


H-1AI-P1-12.001_02348.fits_img.fits
800
600
400
200
0
Counts
0
20
40
60
80
100
X pixels
Y pixels


H_1M_PI_12.001_all.fits_img.fits
Counts
1500
1000
500
0
0
20
40
60
80
100
X pixels
Y pixels



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

Brightest pixel (Y,Z)

All grades	10	11
Std. grades	10	11

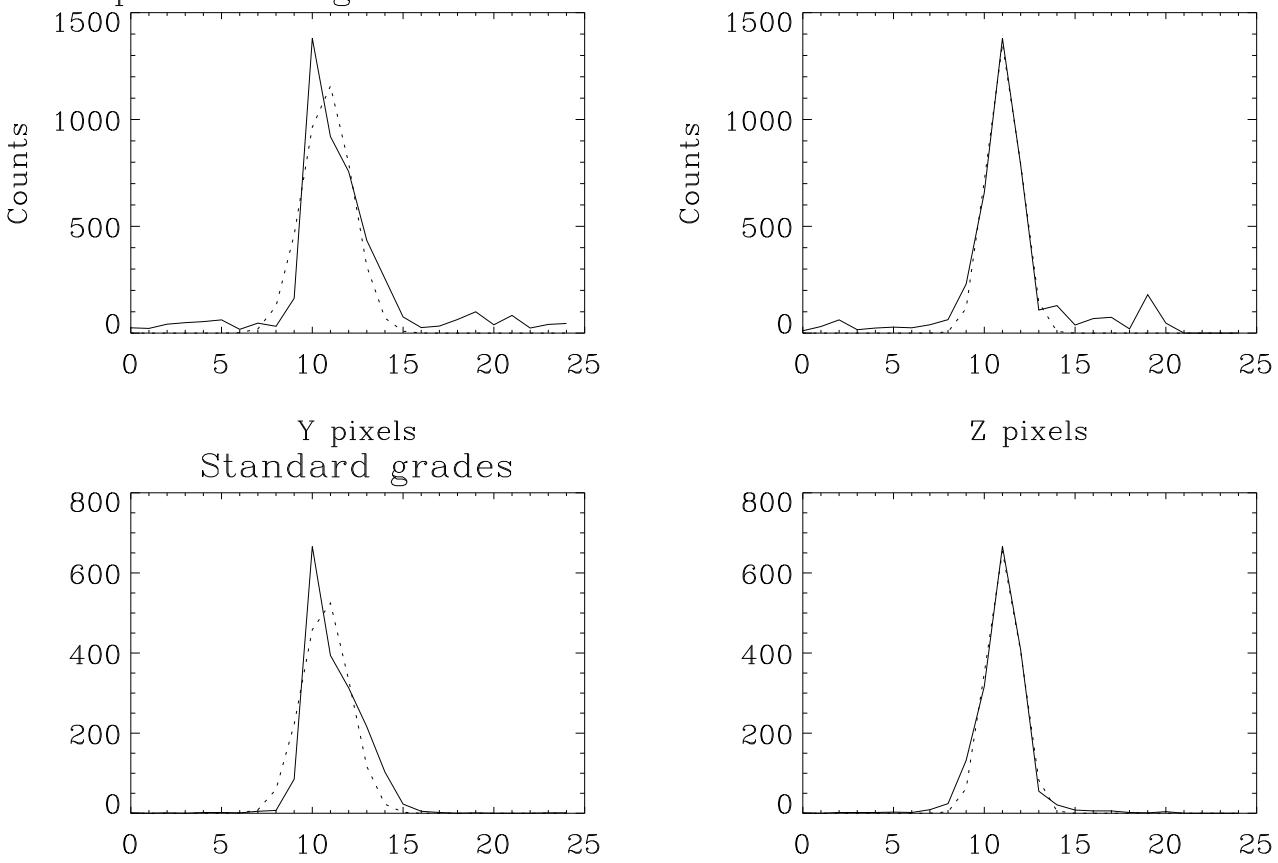
CM Centroid (Y,Z)

All grades	11.6959	10.3389
Std. grades	11.2120	10.9391

Brightest pixel maxima

All grades:	1380
Std. grades:	666

Brightest pixel – All grades H–IAI–PI–12.001



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

	Integrated	Analytical
All Y	3911.7091	3916.4226
Std Y	1745.1328	1748.8837
All Z	3176.5210	3133.5361
Std Z	1578.9753	1561.6180

	amplitude	offset	sigma
All Y:	1166.1914	10.826535	1.3397686
All Z:	1356.0504	11.045193	0.92186846
Std Y:	536.12607	10.728539	1.3013798
Std Z:	655.86570	11.064694	0.94988267