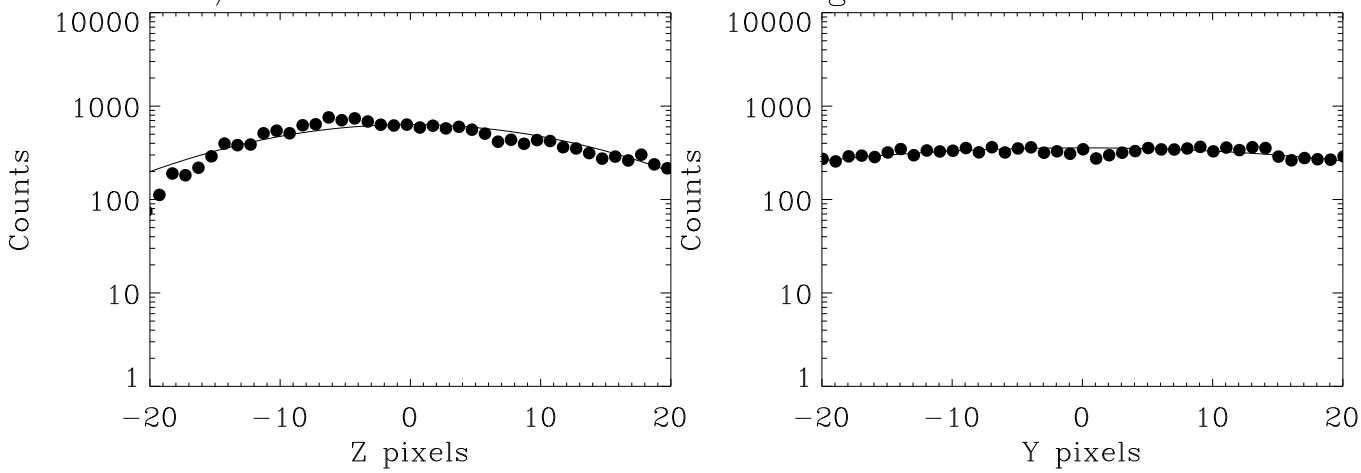
-IAI-PI-21.004/H-IAI-PI-21.004_02346.fits_img.fits



All measurements in pixels

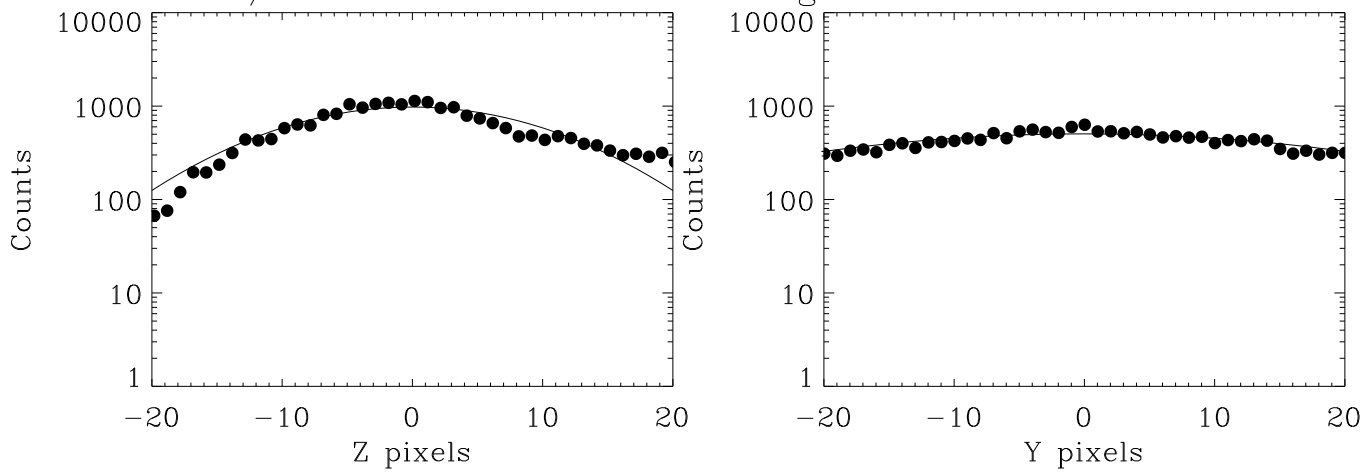
Z gaussian FWHM = 30.910527

Y gaussian FWHM = 59.138734

Z fit parameters: Amplitude= 633 Offset= 100 Sigma= 13

Y fit parameters: Amplitude= 357 Offset= 97 Sigma= 25

H-IAI-PI-21.004/H-IAI-PI-21.004_all.fits_img.fits



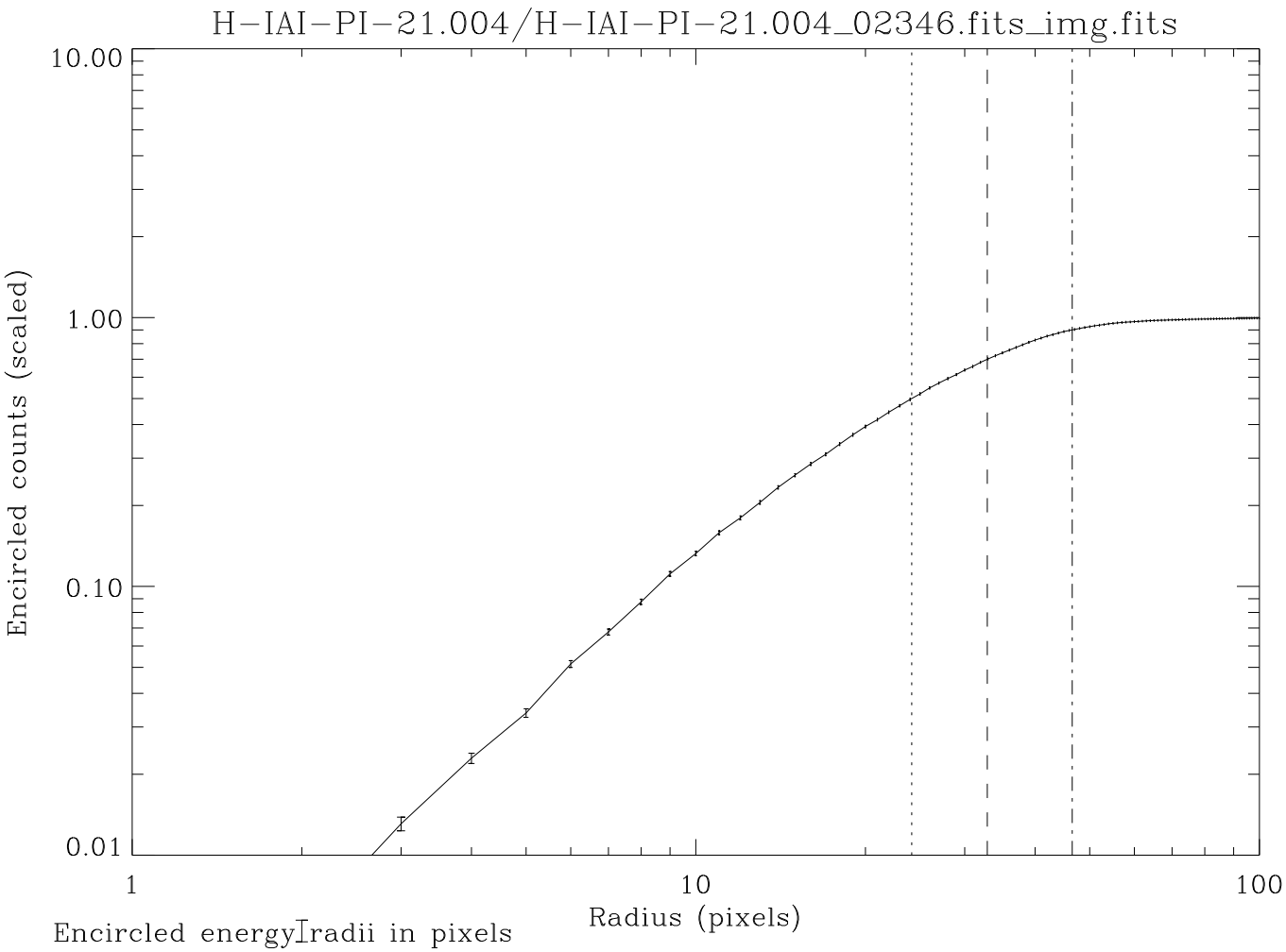
All measurements in pixels

Z gaussian FWHM = 23.221629

Y gaussian FWHM = 50.615146

Z fit parameters: Amplitude= 977 Offset= 98 Sigma= 9

Y fit parameters: Amplitude= 504 Offset= 97 Sigma= 21



Encircled energy radii in pixels

50% radius = 24.1596

70% radius = 32.9047

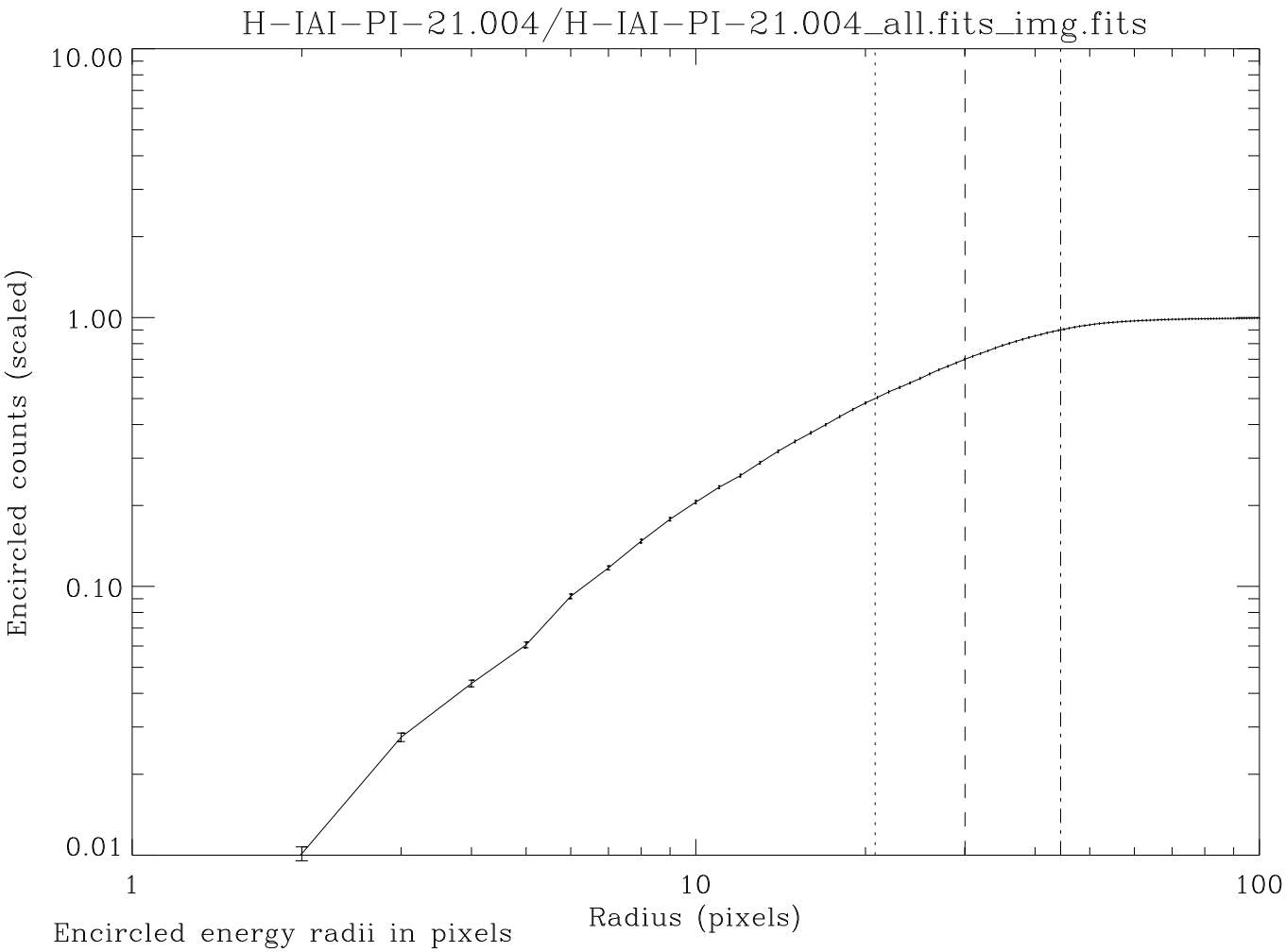
90% radius = 46.5483

Encircled energy radii in microns

50% radius = 579.831

70% radius = 789.712

90% radius = 1117.16



Encircled energy radii in pixels

50% radius = 20.8123

70% radius = 30.0352

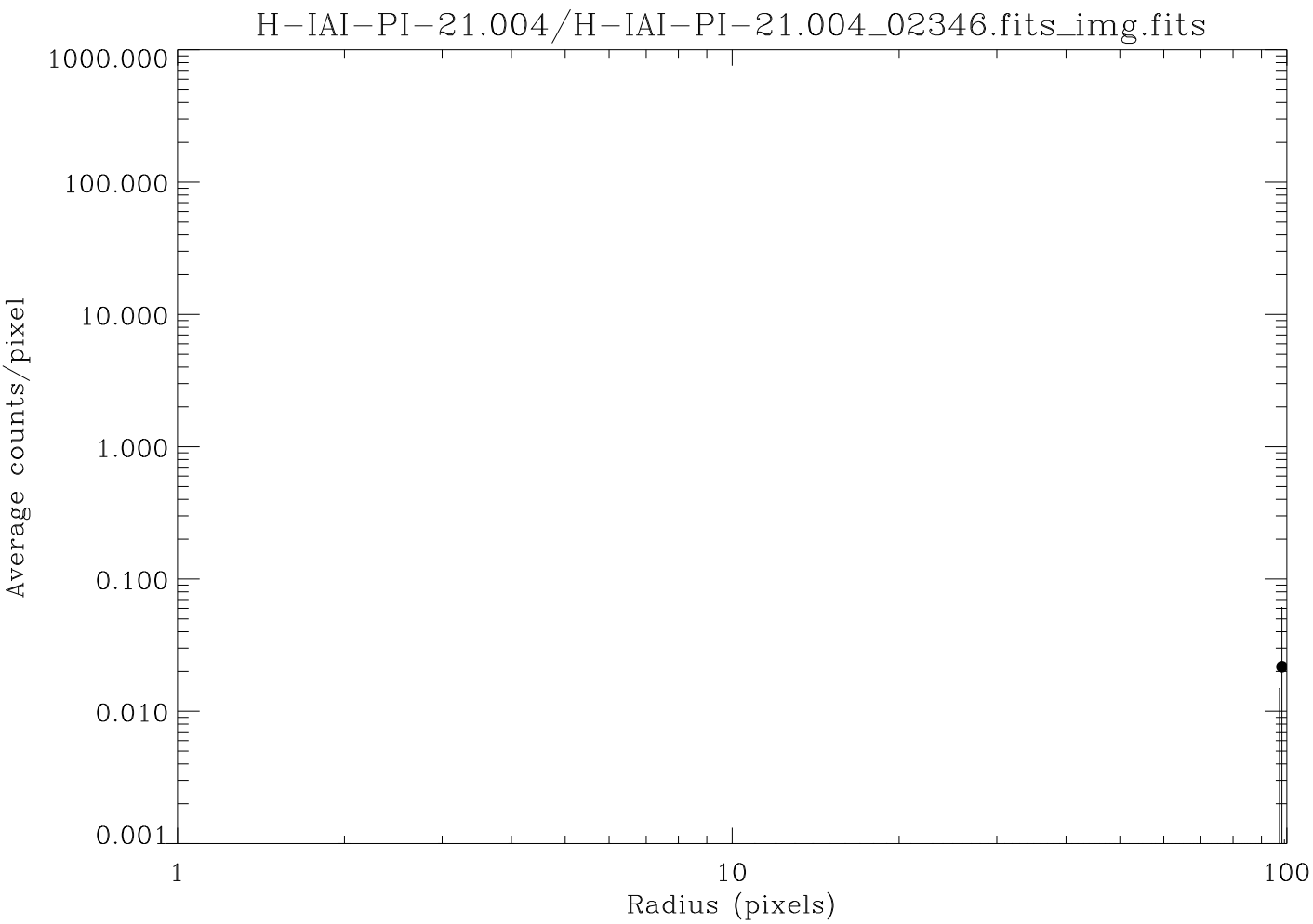
90% radius = 44.3974

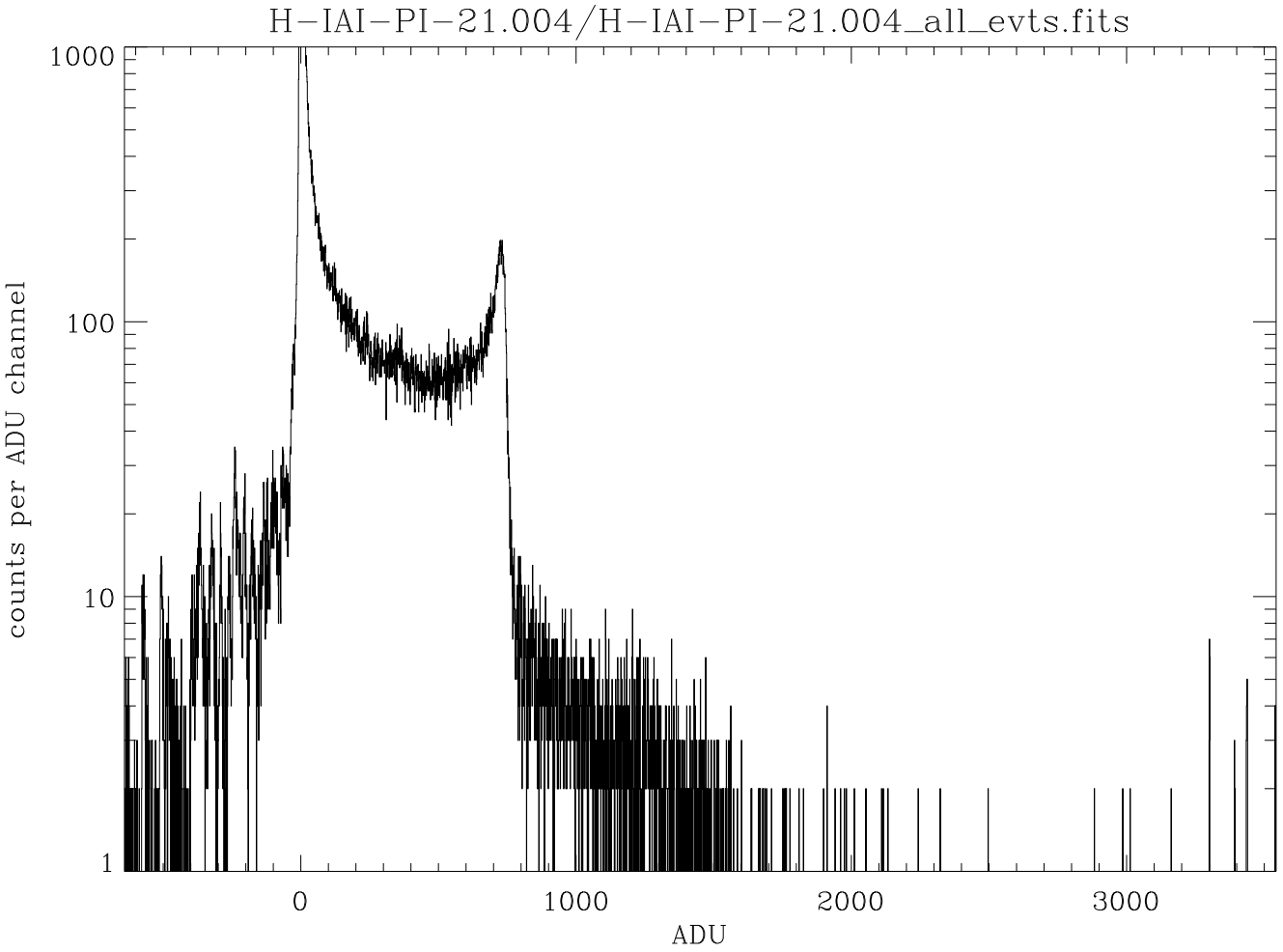
Encircled energy radii in microns

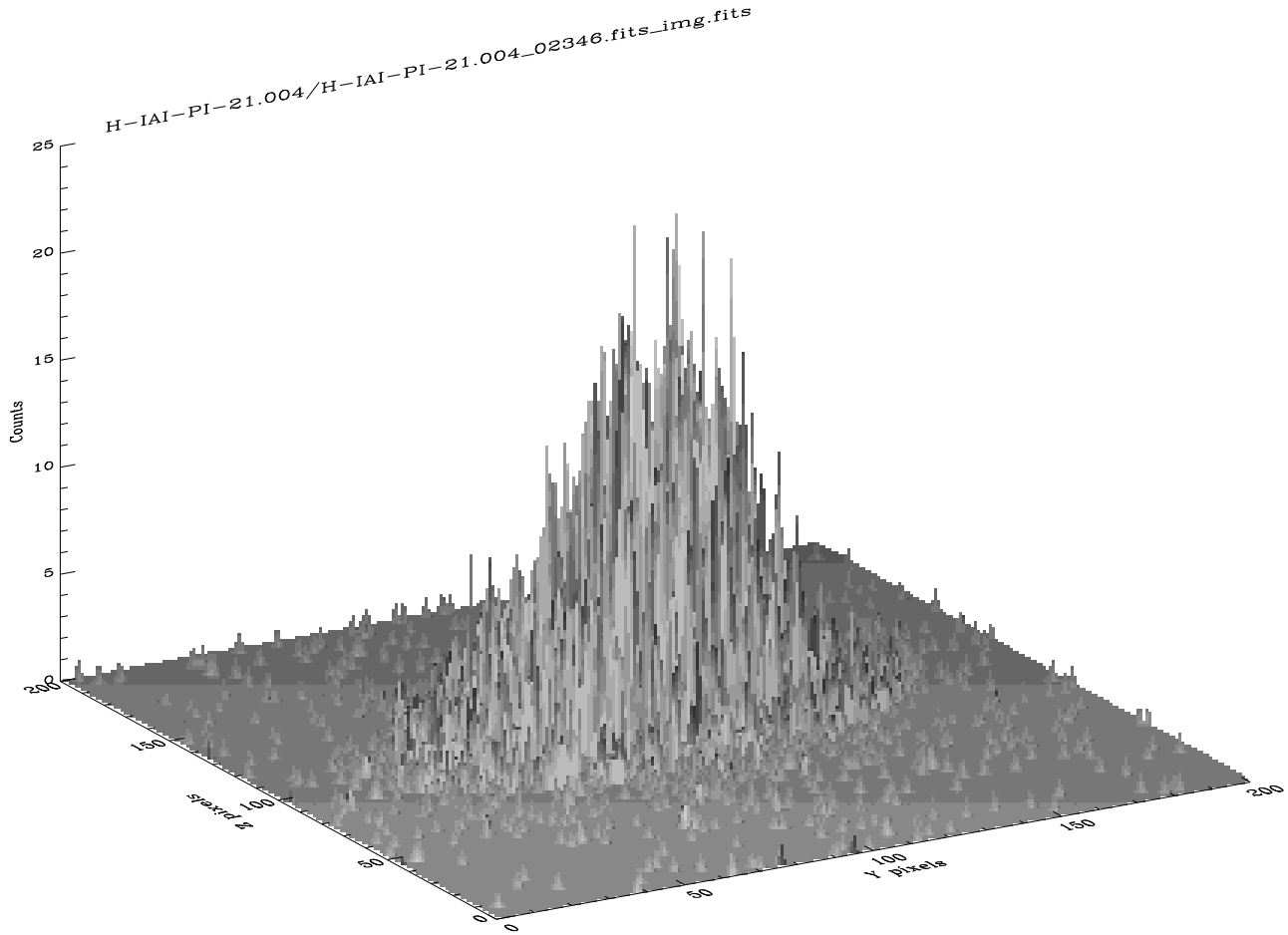
50% radius = 499.495

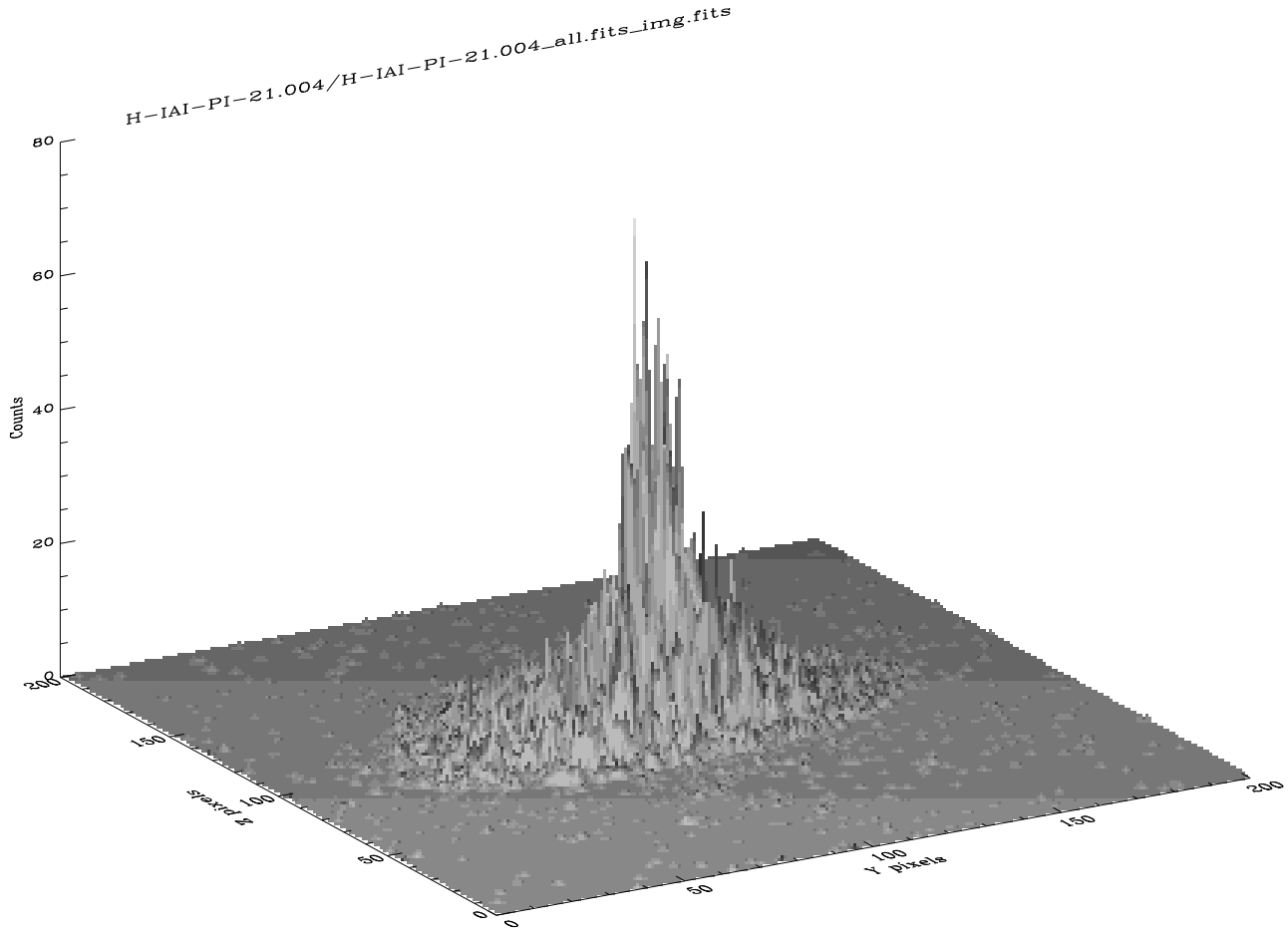
70% radius = 720.844

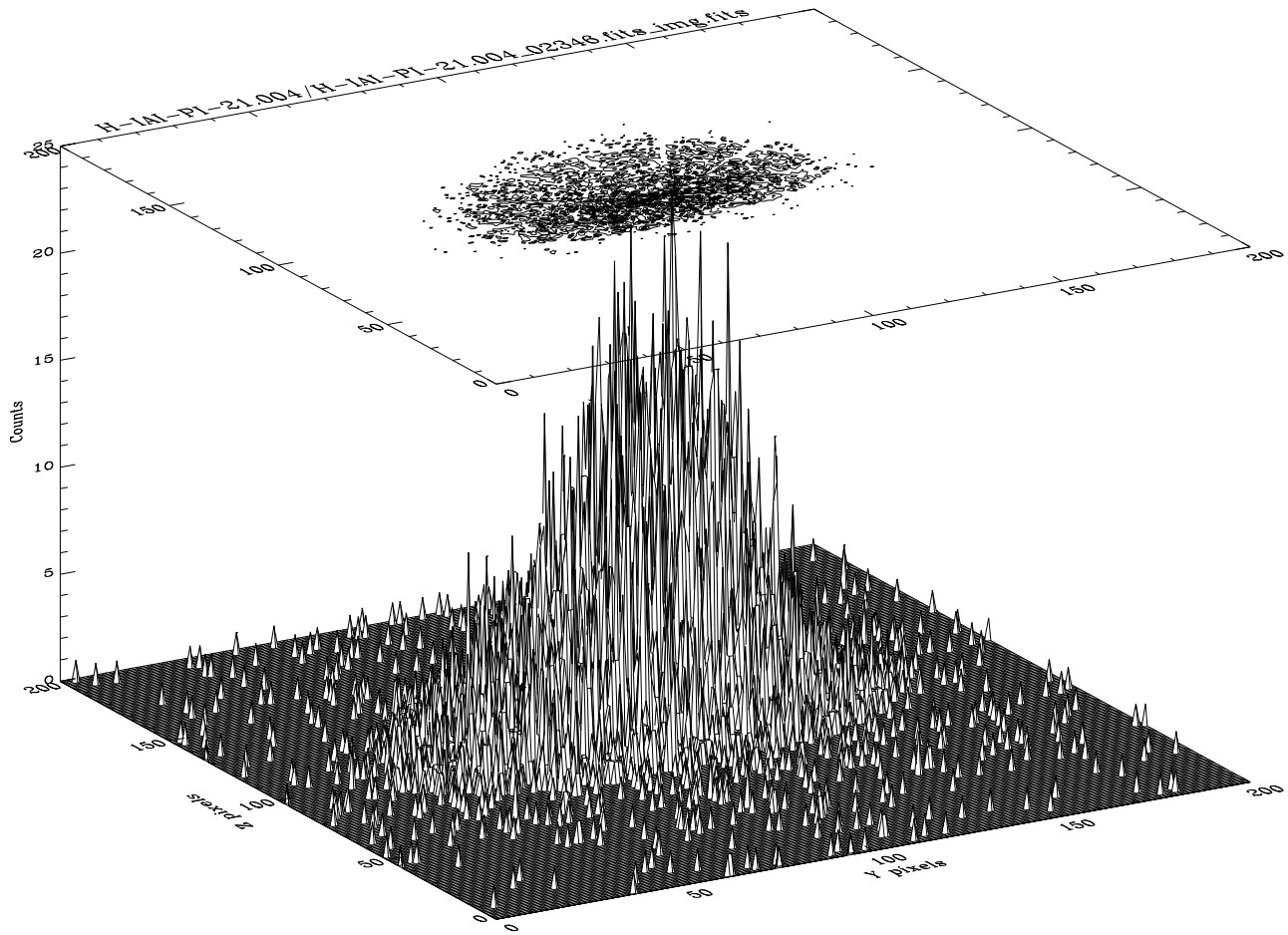
90% radius = 1065.54

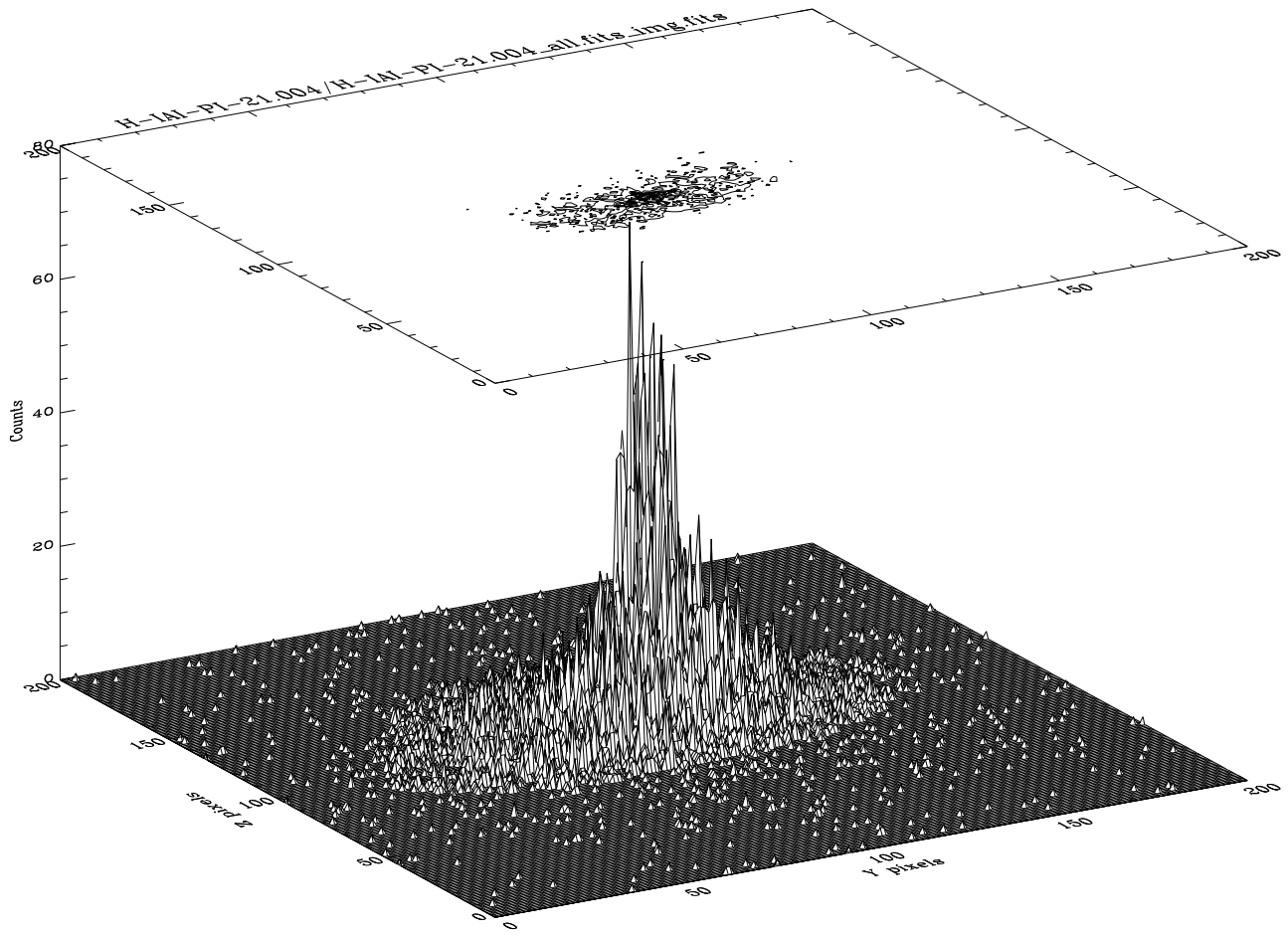

H−IAI−PI−21.004/H−IAI−PI−21.004_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)

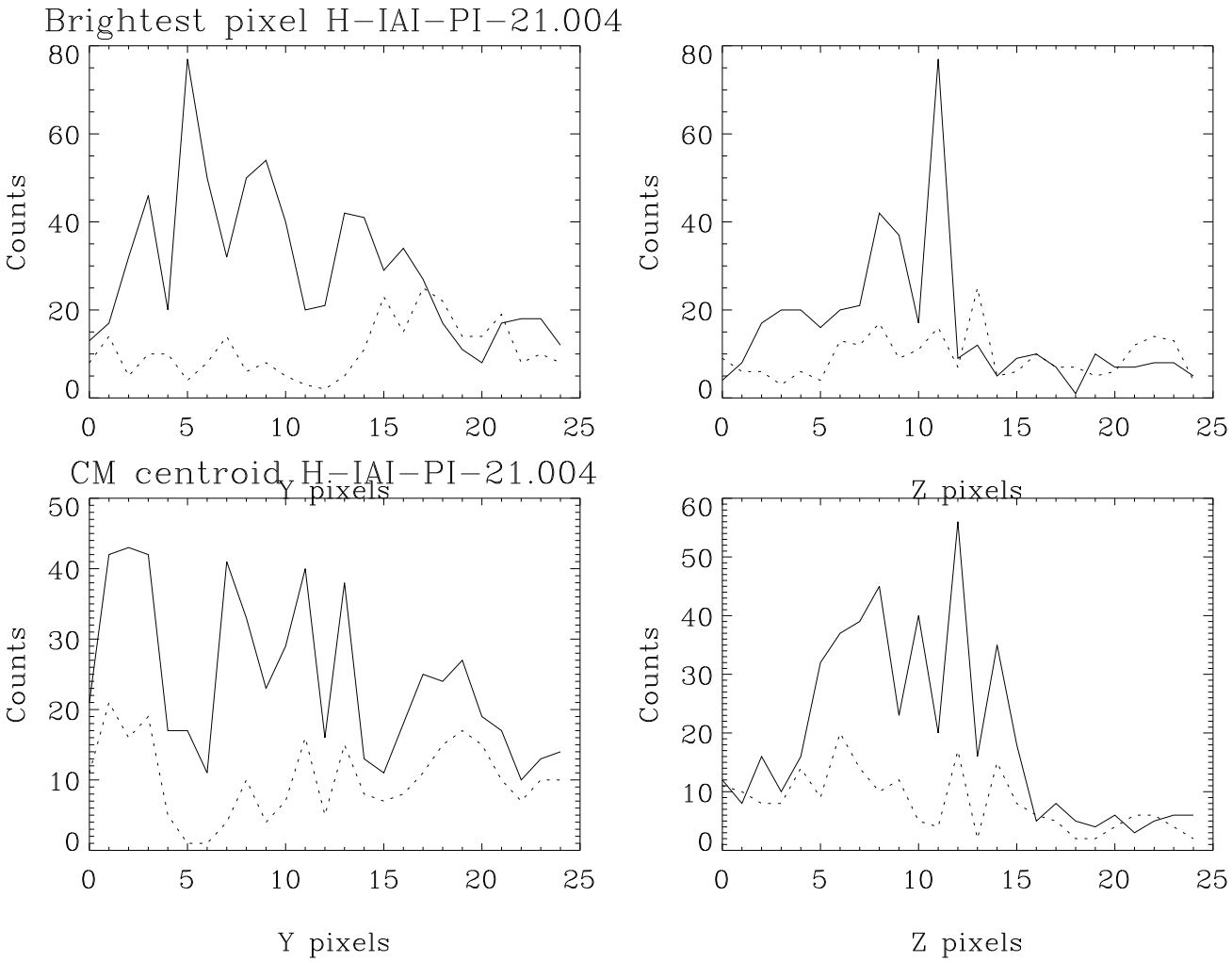

H−IAI−PI−21.004/H−IAI−PI−21.004_all_evts.fits
1000
100
10
1
counts per ADU channel
0
1000
2000
3000
ADU


H-IAI-PI-21.004/H-IAI-PI-21.004_02346.fits_img.fits
Counts
25
20
15
10
5
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y Pixels


H-IAI-PI-21.004/H-IAI-PI-21.004_all.fits_img.fits
Counts
80
60
40
20
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y pixels


H-1AI-PI-21.004/H-1AI-PI-21.004_023348.fits_img.fits
Counts
X pixels
Y pixels
0
50
100
150
200
5
10
15
20
25


H_1AI_PI_21.004/H_1AI_PI_21.004_all.fits_img.fits
Counts
X pixels
Y pixels
0
20
40
60
80
50
100
150
200



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

Brightest pixel (Y,Z)

All grades	5	11
Std. grades	17	13

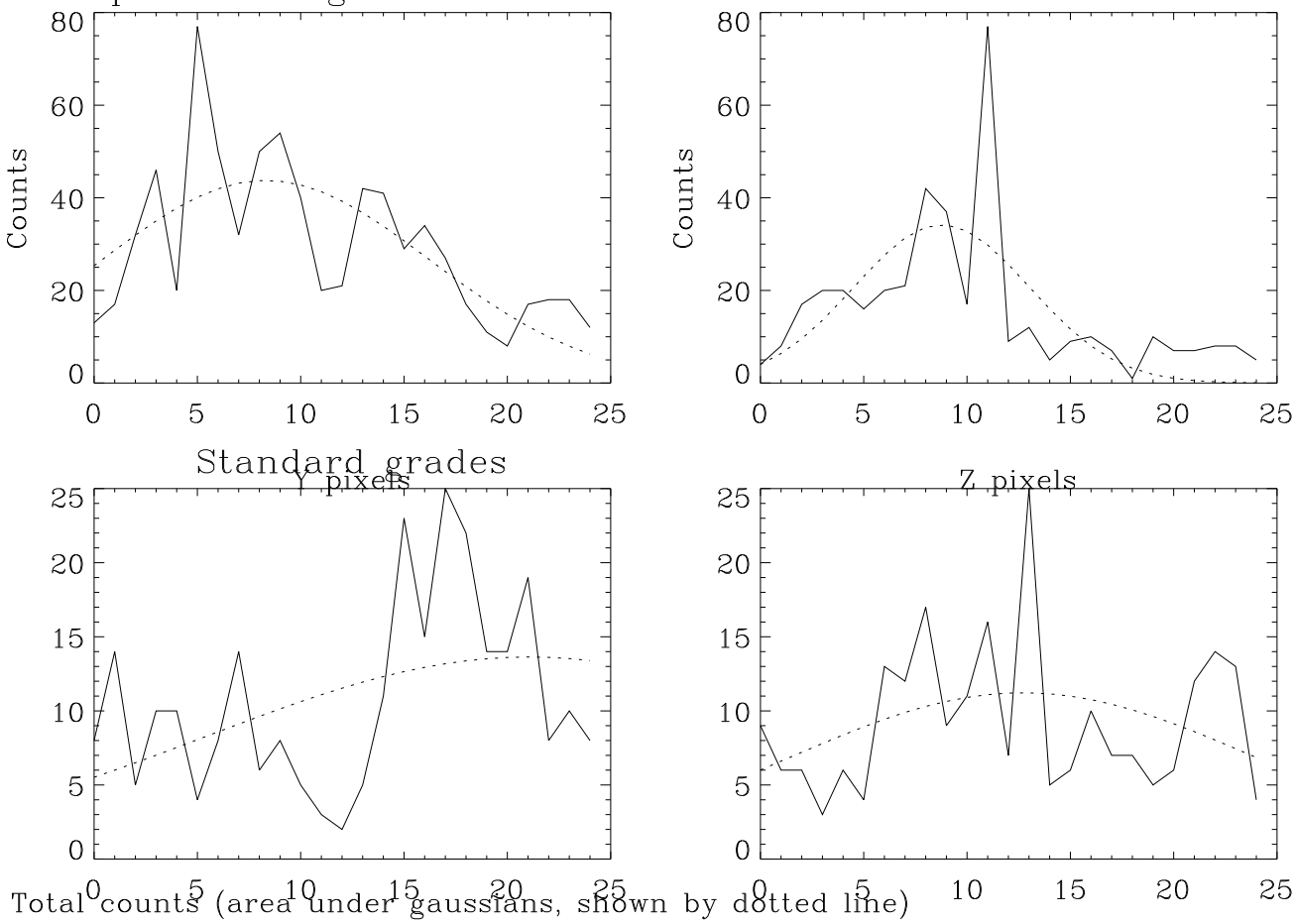
CM Centroid (Y,Z)

All grades	11.7329	10.6424
Std. grades	12.3432	10.7780

Brightest pixel maxima

All grades:	77
Std. grades:	25

Brightest pixel – All grades H–IAI–PI–21.004



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

	Integrated	Analytical
All Y	721.86912	872.18875
Std Y	259.61262	535.37048
All Z	356.63087	363.71451
Std Z	226.40209	319.87461

	amplitude	offset	sigma	FWHM
All Y:	43.745292	8.3097236	7.9540667	18.723874
Std Y:	13.634574	21.067466	15.664730	36.874776
All Z:	34.208986	8.7724722	4.2416077	9.9847448
Std Z:	11.222280	12.704026	11.371264	26.767956