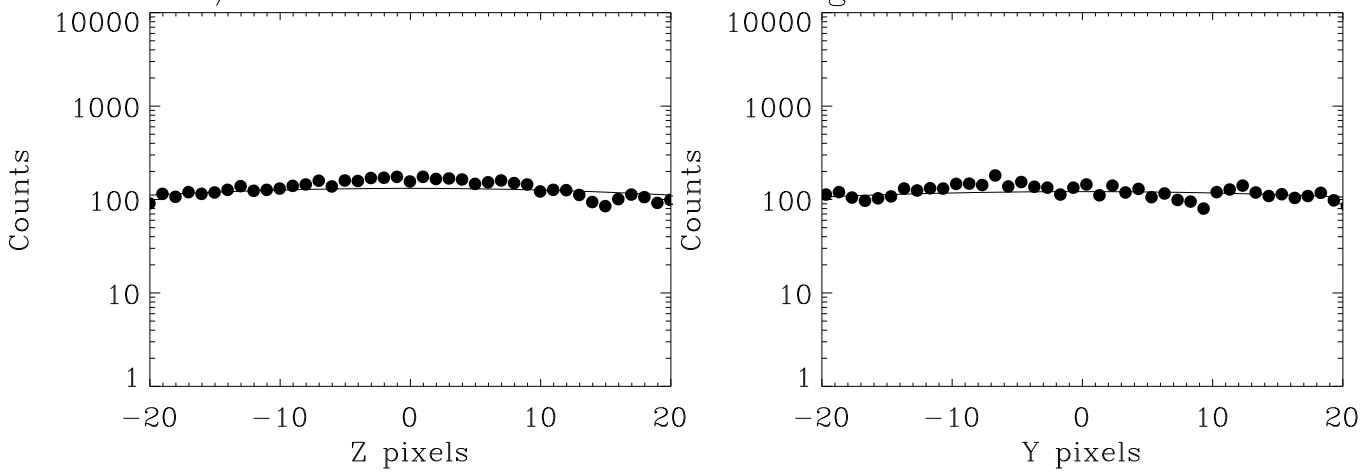
-IAI-PI-21.002/H-IAI-PI-21.002_02346.fits_img.fits



All measurements in pixels

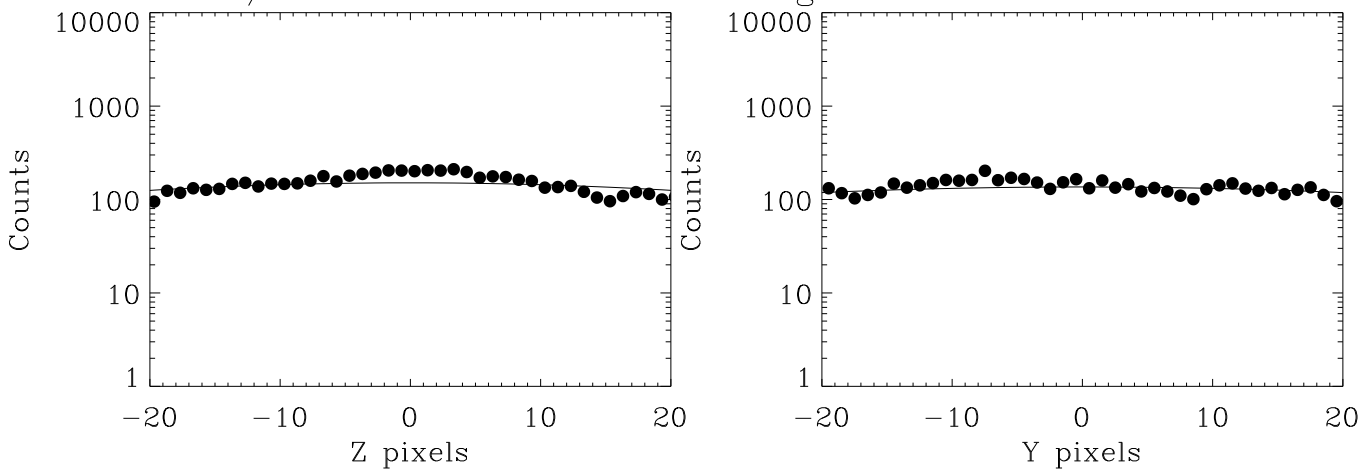
Z gaussian FWHM = 81.768851

Y gaussian FWHM = 91.576545

Z fit parameters: Amplitude= 131 Offset= 98 Sigma= 34

Y fit parameters: Amplitude= 121 Offset= 99 Sigma= 38

H-IAI-PI-21.002/H-IAI-PI-21.002_all.fits_img.fits



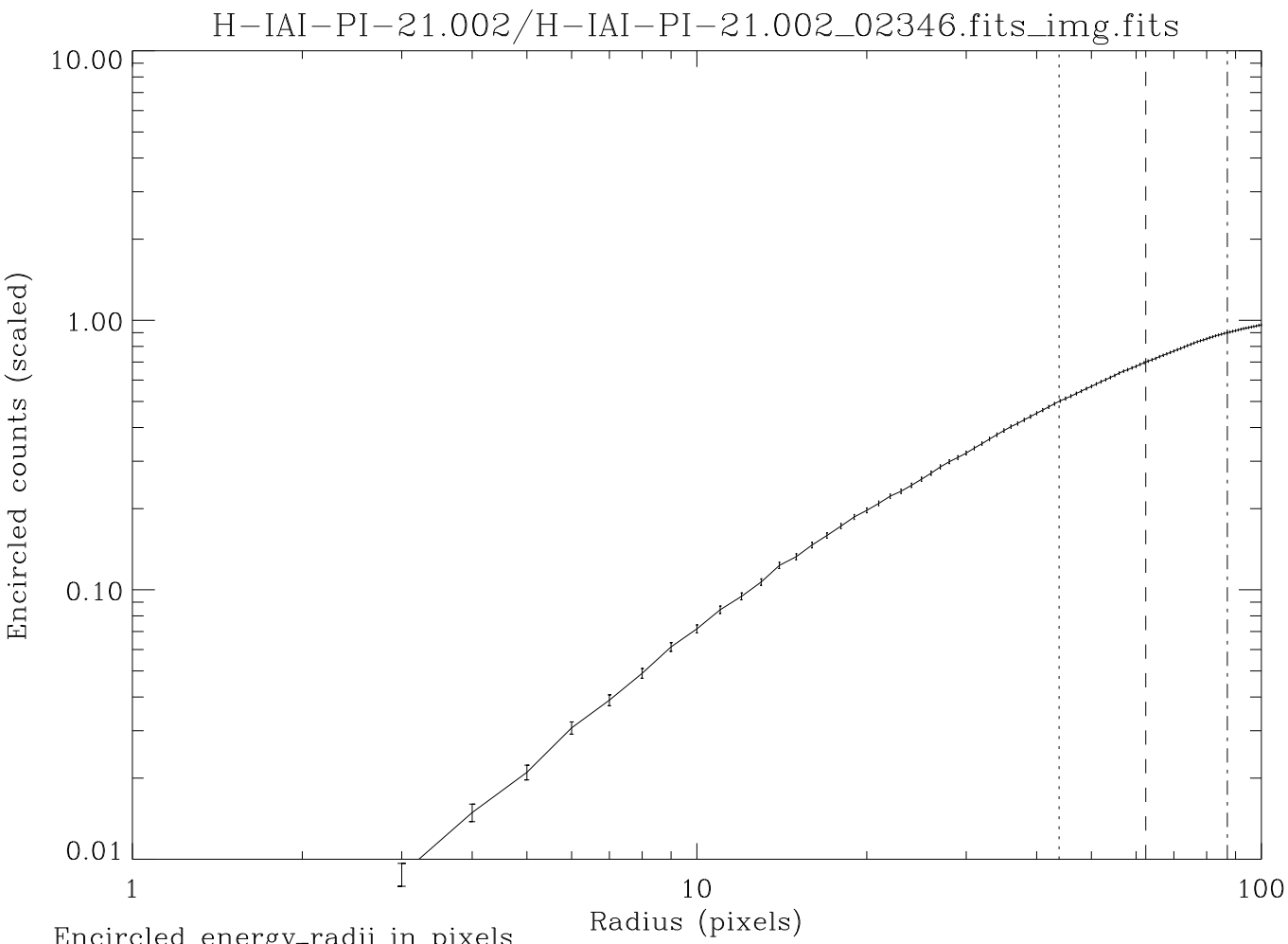
All measurements in pixels

Z gaussian FWHM = 77.326190

Y gaussian FWHM = 89.632189

Z fit parameters: Amplitude= 150 Offset= 97 Sigma= 32

Y fit parameters: Amplitude= 136 Offset= 100 Sigma= 38



Encircled energy radii in pixels

50% radius = 43.8151

70% radius = 62.4087

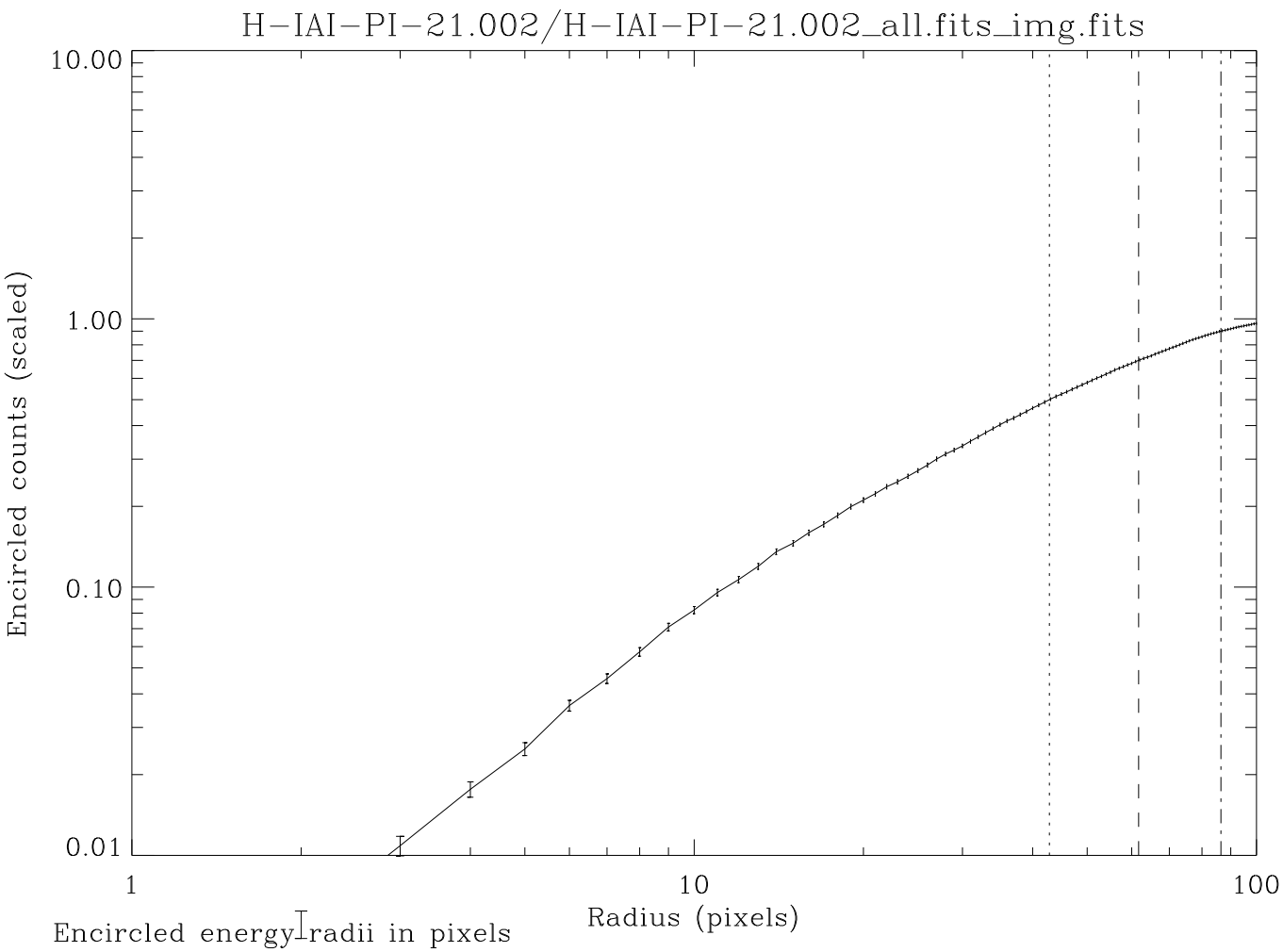
90% radius = 87.0500

Encircled energy radii in microns

50% radius = 1051.56

70% radius = 1497.81

90% radius = 2089.20



Encircled energy radii in pixels

50% radius = 42.8333

70% radius = 61.7194

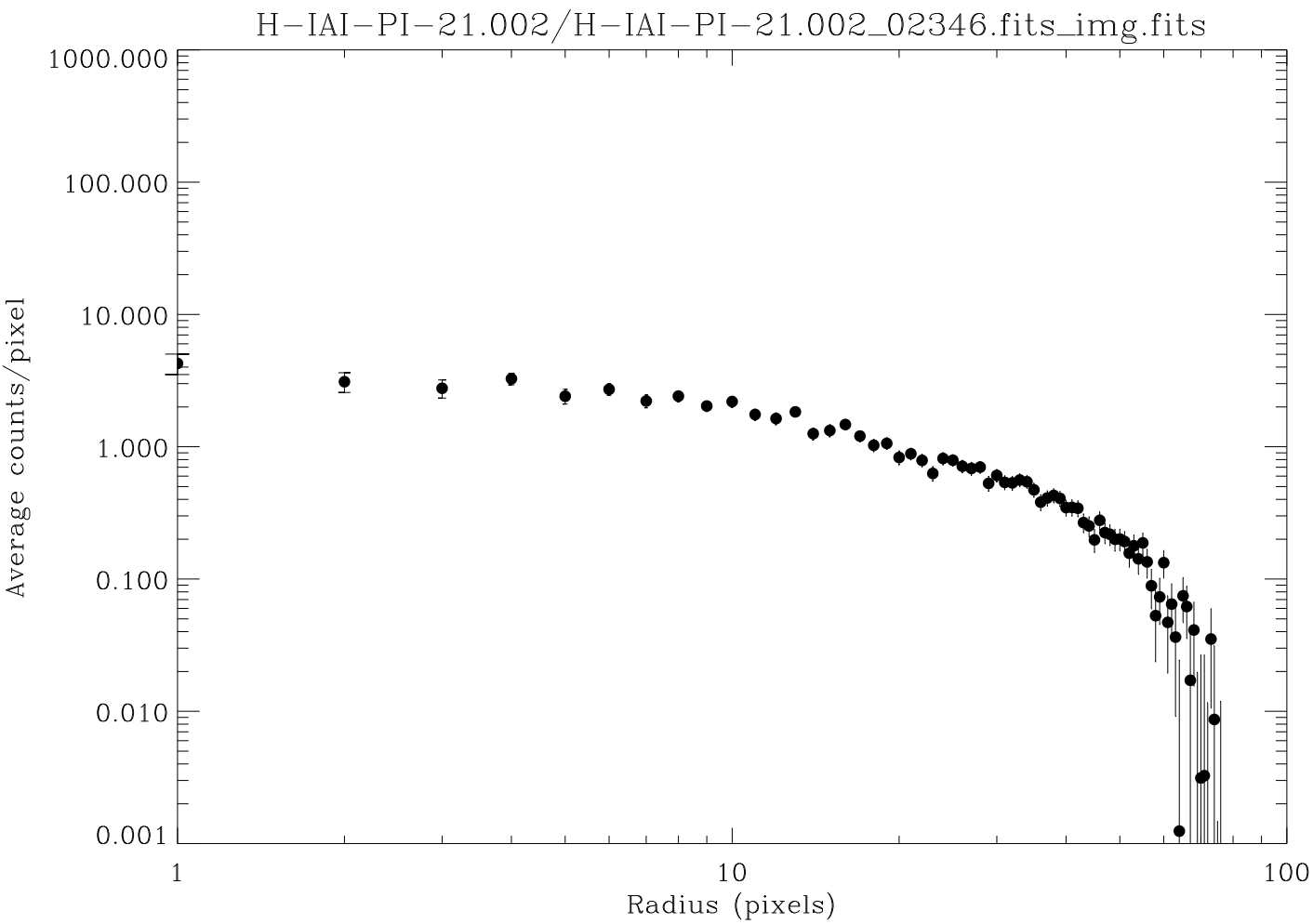
90% radius = 86.4508

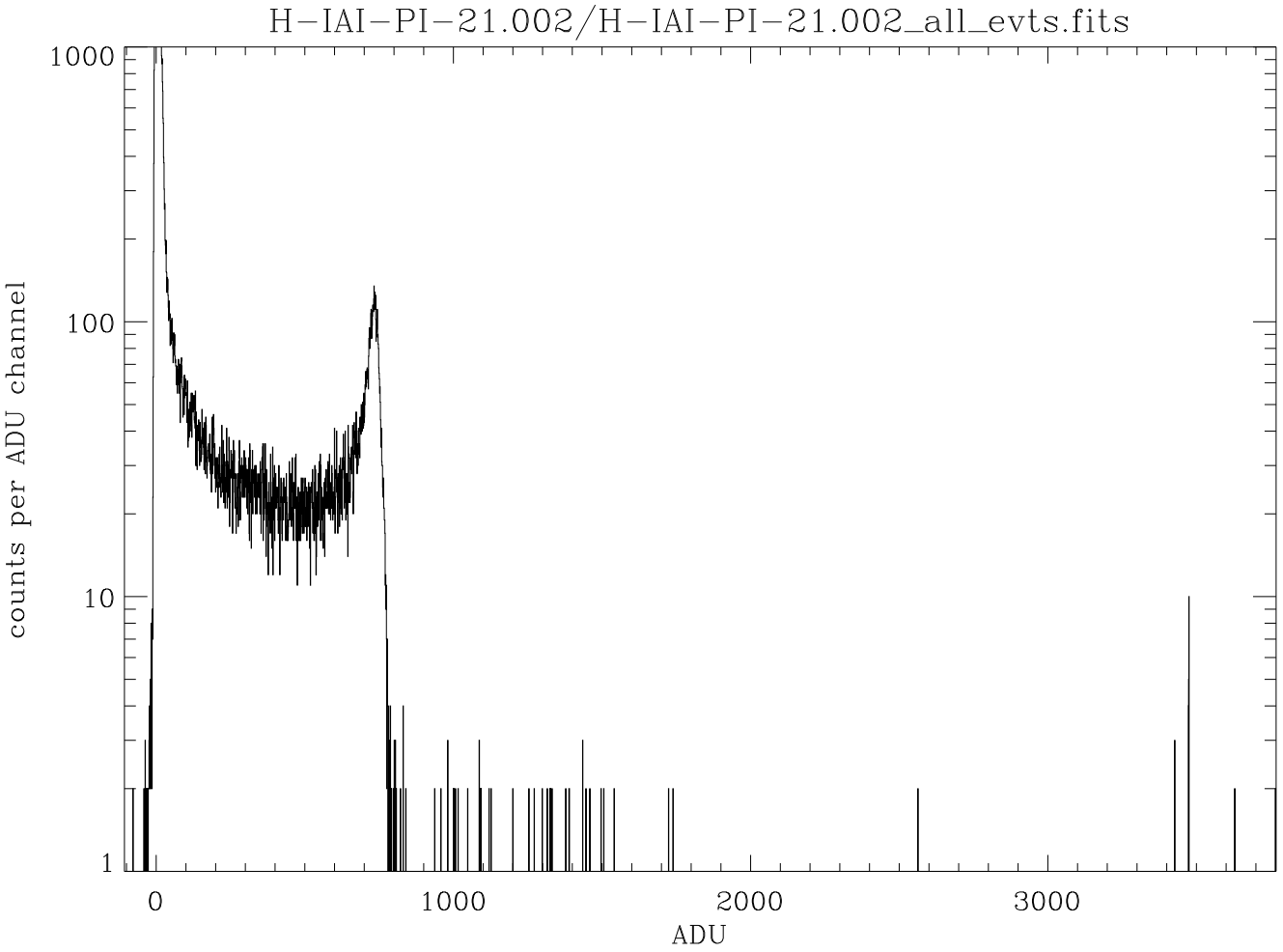
Encircled energy radii in microns

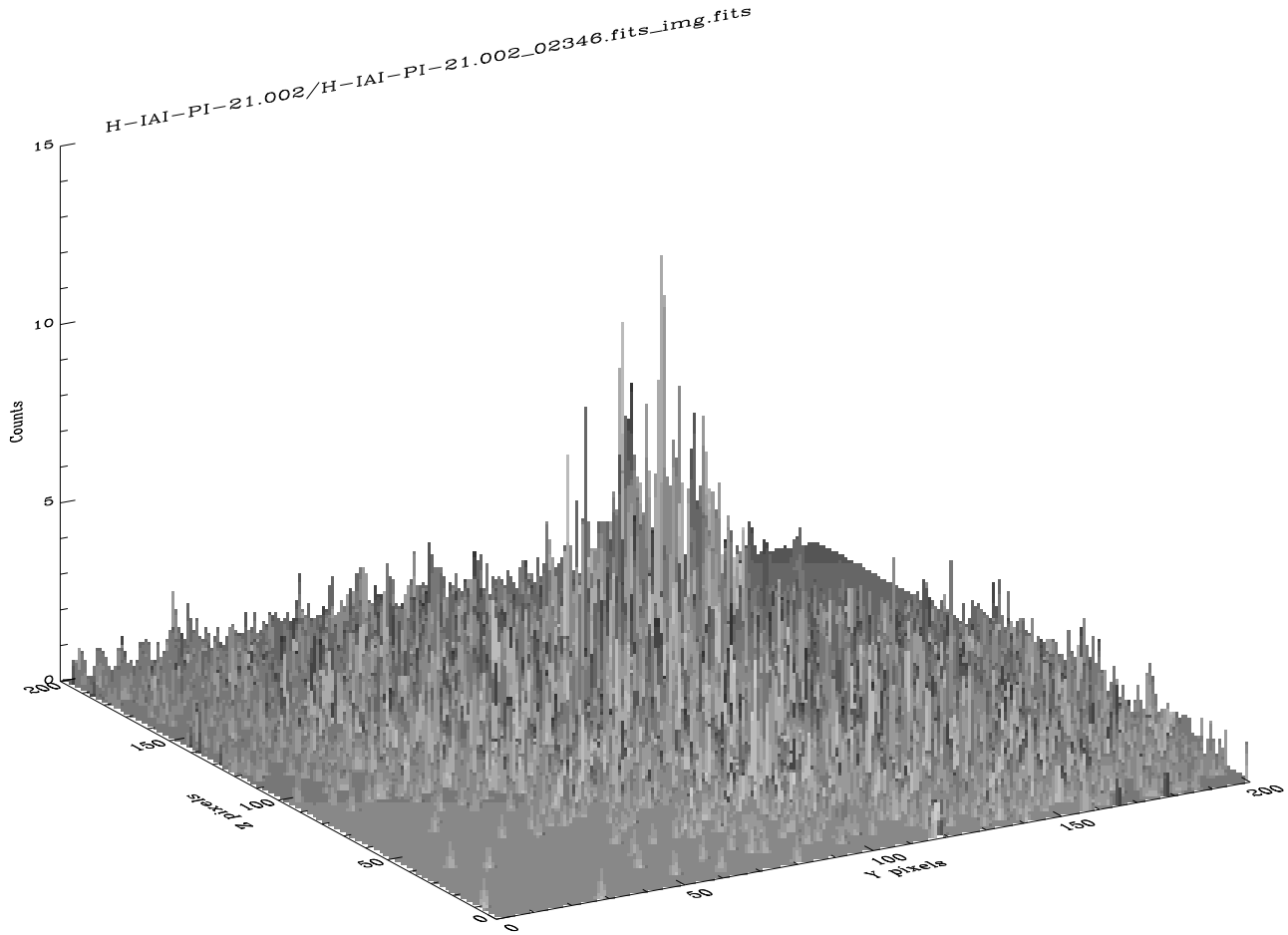
50% radius = 1028.00

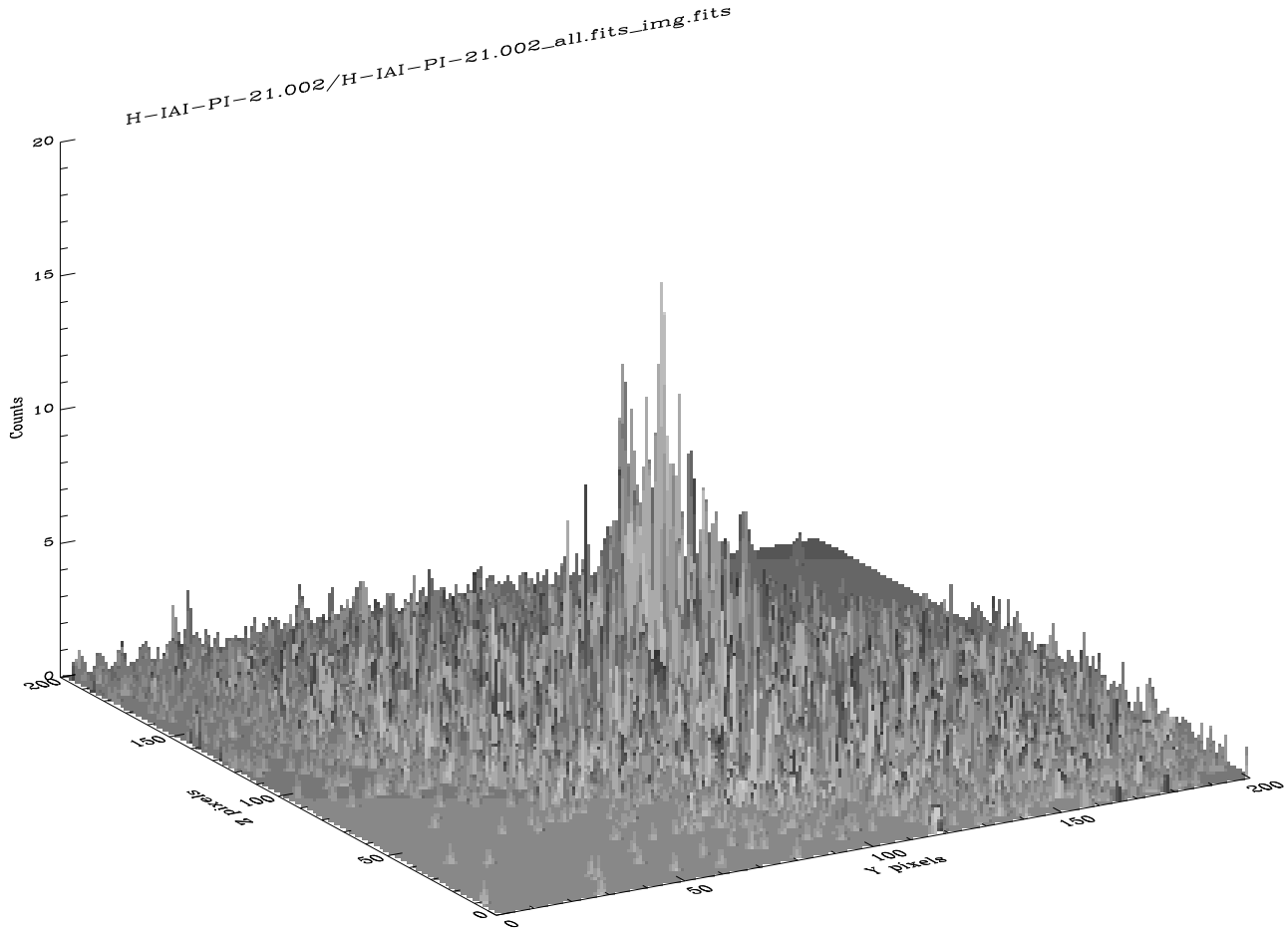
70% radius = 1481.26

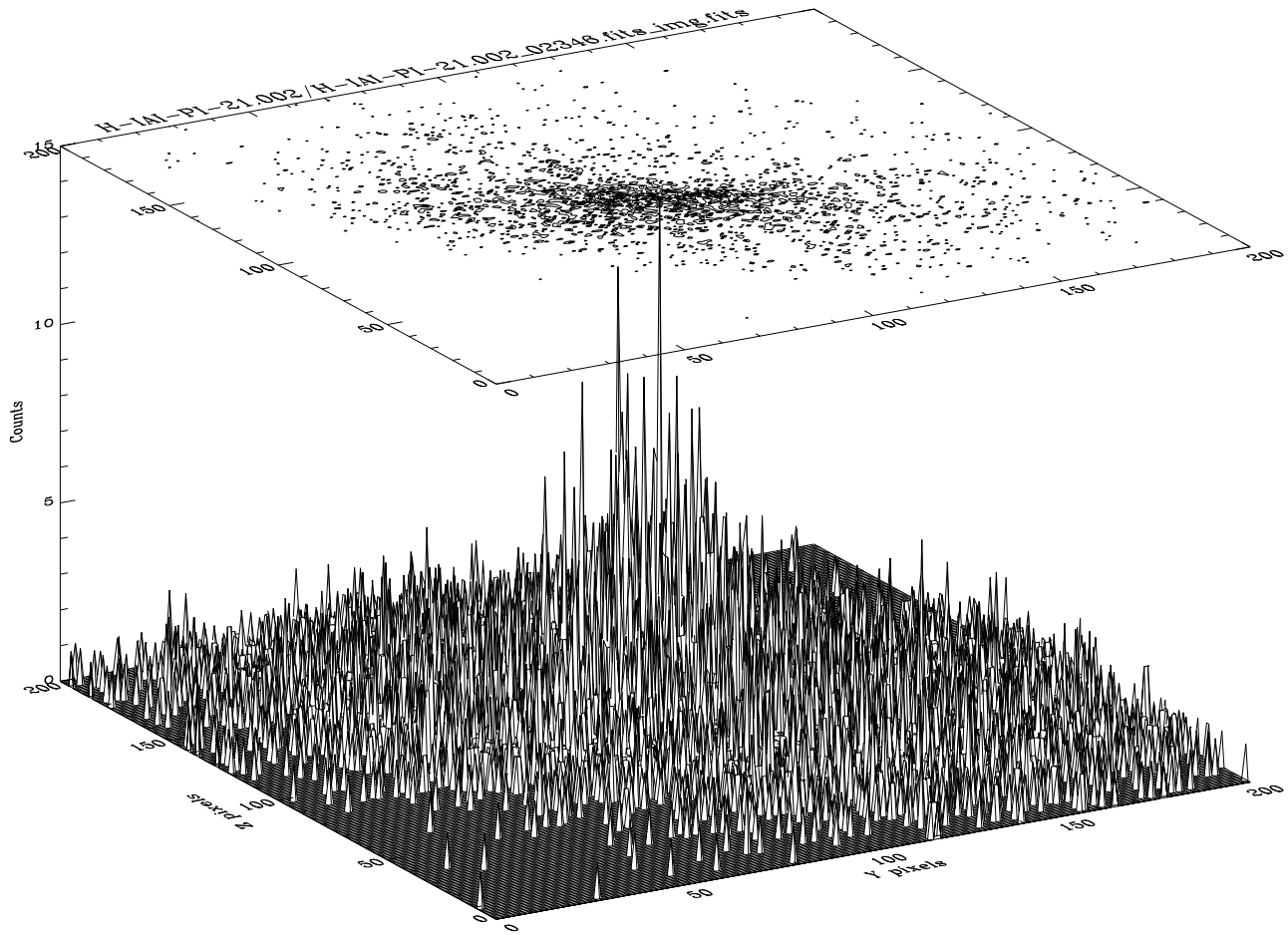
90% radius = 2074.82

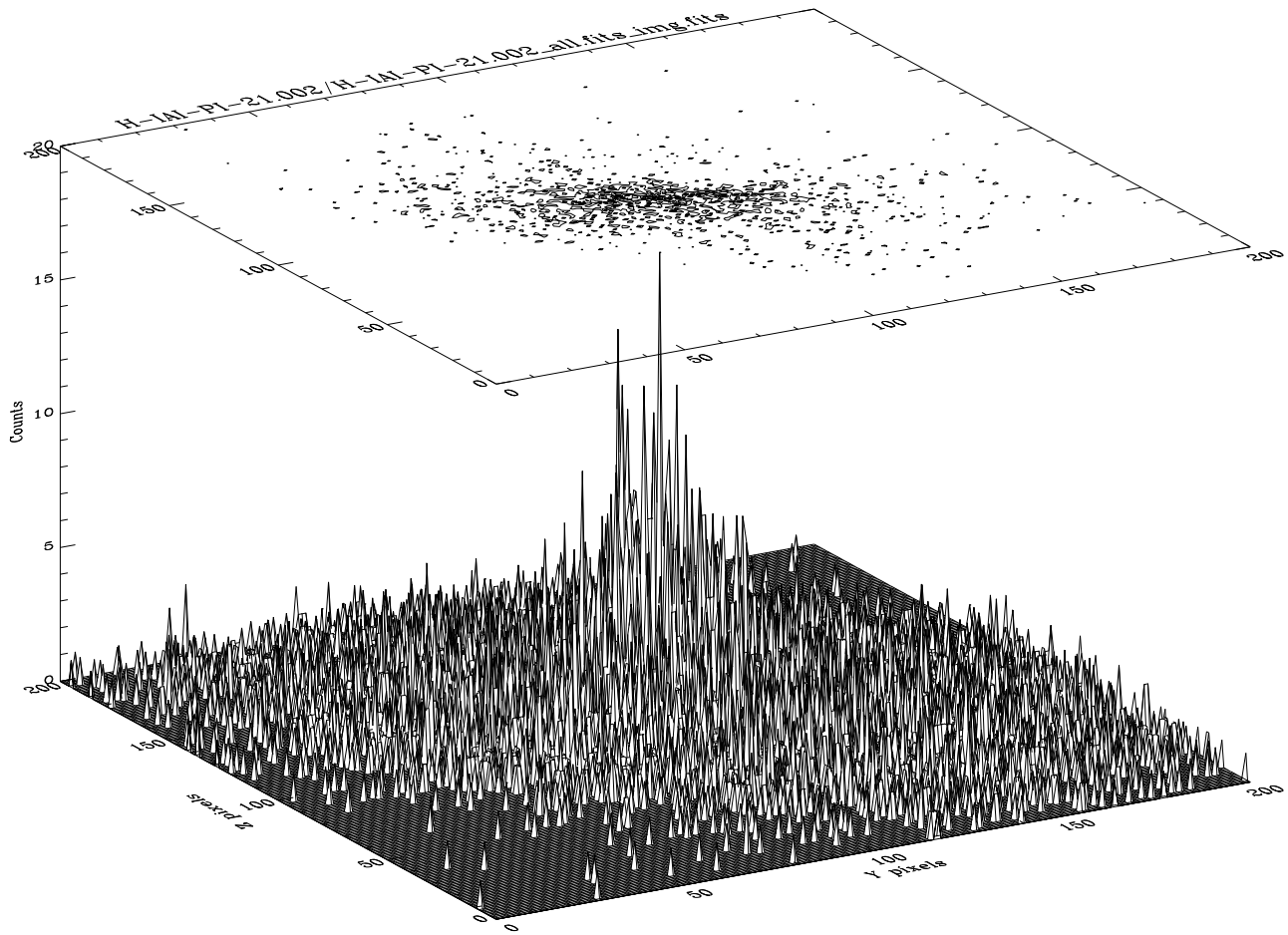

H−IAI−PI−21.002/H−IAI−PI−21.002_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)

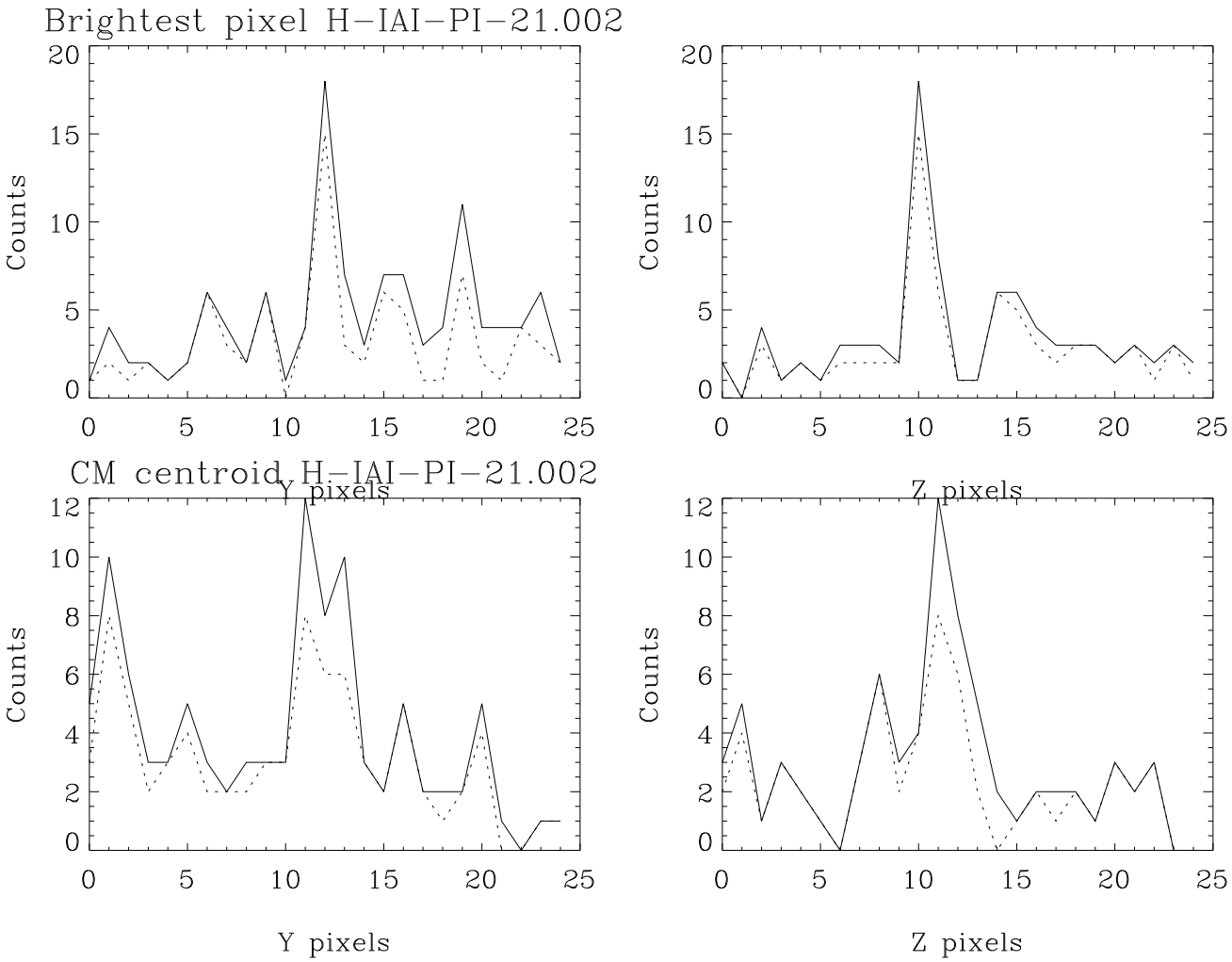

H−IAI−PI−21.002/H−IAI−PI−21.002_all_evts.fits
1000
100
10
1
counts per ADU channel
0
1000
2000
3000
ADU


H-IAI-PI-21.002/H-IAI-PI-21.002_02346.fits_img.fits
Counts
15
10
5
0
X pixels
200
150
100
50
0
Y Pixels
0
50
100
150
200


H-IAI-PI-21.002/H-IAI-PI-21.002_all.fits_img.fits
Counts
20
15
10
5
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y pixels


H-1AI-P1-21.002/H-1AI-P1-21.002_023348.fits_img.fits
Counts
X pixels
Y pixels
0
50
100
150
200
5
10
15


H_1AI_P1_21.002/H_1AI_P1_21.002_all.fits_img.fits
Counts
X pixels
Y pixels
0
50
100
150
200
5
10
15



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

Brightest pixel (Y,Z)

All grades	12	10
Std. grades	12	10

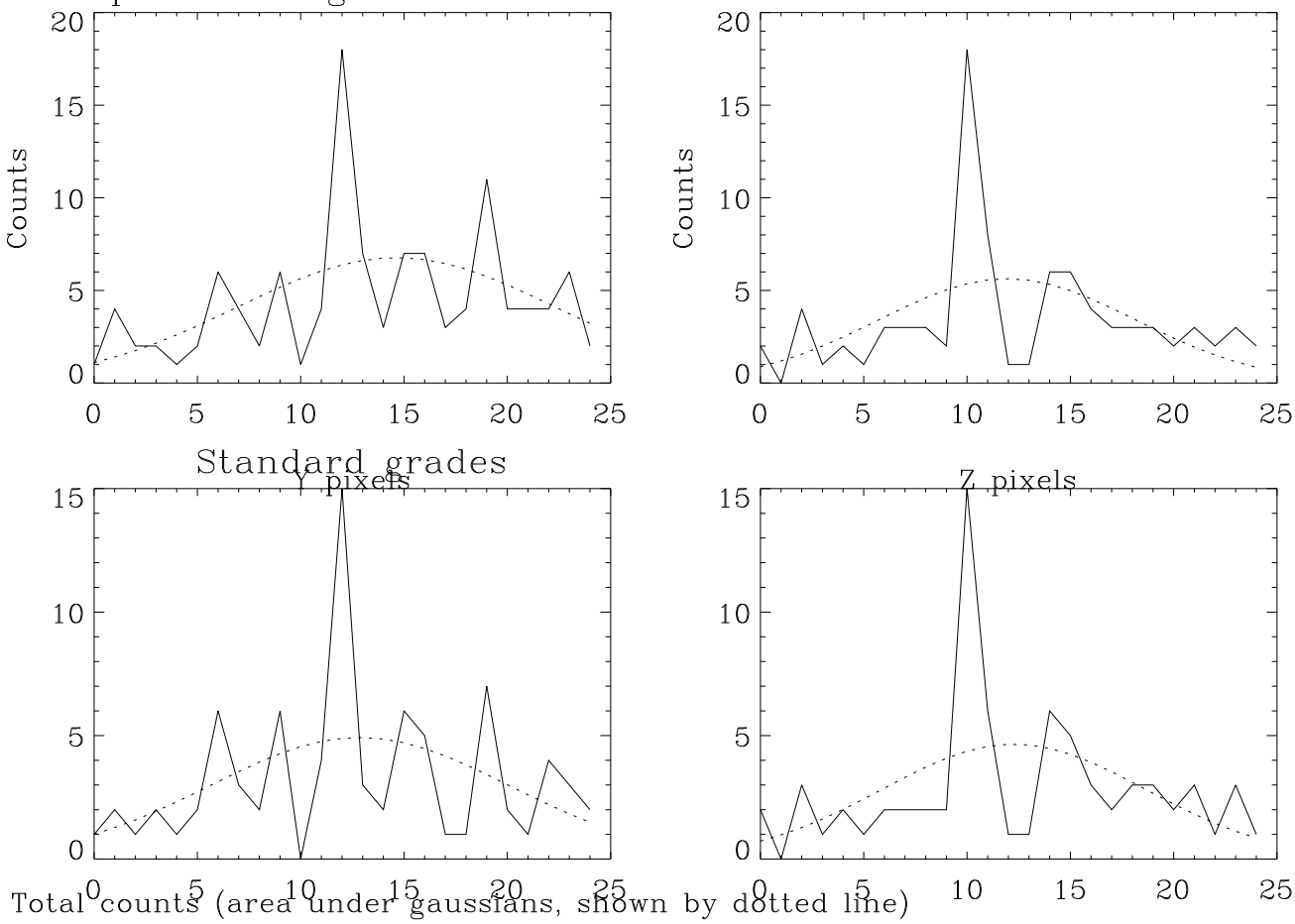
CM Centroid (Y,Z)

All grades	11.1634	11.6637
Std. grades	11.1681	11.7116

Brightest pixel maxima

All grades:	18
Std. grades:	15

Brightest pixel – All grades H–IAI–PI–21.002



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

	Integrated	Analytical
All Y	112.14063	130.40768
Std Y	80.238161	89.008983
All Z	82.934728	87.597071
Std Z	69.894279	74.368603

	amplitude	offset	sigma	FWHM
All Y:	6.7662072	14.632833	7.6889660	18.099827
Std Y:	4.9225302	12.853566	7.2136574	16.980950
All Z:	5.6297655	11.941126	6.2073944	14.612207
Std Z:	4.6510602	12.263727	6.3789285	15.015998